

Frequency Mixer

MCA1T-80LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30.1MHz (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
2530.0	2560.1	7.01	6.61	6.38	2530.0	2560.1	11.68	11.04	9.99	2530.0	2560.1	1.95	1.87	1.86
2680.0	2710.1	6.52	6.26	6.13	2680.0	2710.1	10.63	10.34	9.30	2680.0	2710.1	1.99	1.77	1.58
2896.0	2926.1	6.06	5.82	5.78	2896.0	2926.1	13.52	14.24	14.67	2896.0	2926.1	1.77	1.61	1.42
3056.0	3086.1	5.82	5.56	5.42	3056.0	3086.1	14.93	16.23	16.11	3056.0	3086.1	1.53	1.33	1.17
3216.0	3246.1	5.44	5.21	5.08	3216.0	3246.1	11.69	12.04	12.26	3216.0	3246.1	1.83	1.49	1.22
3376.0	3406.1	5.21	5.05	4.94	3376.0	3406.1	12.87	13.44	13.52	3376.0	3406.1	1.69	1.32	1.05
3536.0	3566.1	5.12	5.01	4.89	3536.0	3566.1	14.69	17.23	18.99	3536.0	3566.1	1.35	0.94	0.83
3696.0	3726.1	4.96	4.91	4.90	3696.0	3726.1	13.66	14.65	15.47	3696.0	3726.1	0.99	0.60	0.47
3856.0	3886.1	5.18	5.04	4.99	3856.0	3886.1	16.16	17.71	19.19	3856.0	3886.1	0.85	0.46	0.31
4090.0	4120.1	6.72	6.39	6.21	4090.0	4120.1	21.40	21.40	22.24	4090.0	4120.1	1.46	1.04	0.78
4250.0	4280.1	7.15	6.69	6.45	4250.0	4280.1	16.82	16.94	16.90	4250.0	4280.1	1.23	1.03	0.86
4410.0	4440.1	7.09	6.75	6.60	4410.0	4440.1	13.41	14.45	15.75	4410.0	4440.1	0.79	0.59	0.48
4570.0	4600.1	6.90	6.56	6.37	4570.0	4600.1	13.36	14.61	15.68	4570.0	4600.1	0.69	0.34	0.24
4730.0	4760.1	7.98	7.37	7.07	4730.0	4760.1	14.34	14.94	15.23	4730.0	4760.1	0.60	0.51	0.36
4880.0	4910.1	6.94	6.63	6.40	4880.0	4910.1	10.86	11.81	12.55	4880.0	4910.1	0.95	0.71	0.61
5060.0	5090.1	6.35	5.96	5.89	5060.0	5090.1	10.13	11.99	13.01	5060.0	5090.1	0.93	0.78	0.63
5220.0	5250.1	6.09	5.67	5.51	5220.0	5250.1	10.41	11.83	12.55	5220.0	5250.1	0.92	0.69	0.61
5380.0	5410.1	5.96	5.56	5.39	5380.0	5410.1	10.22	12.78	14.67	5380.0	5410.1	0.93	0.64	0.55
5630.0	5660.1	6.18	5.89	5.80	5630.0	5660.1	11.29	14.90	18.09	5630.0	5660.1	0.90	0.44	0.27
5790.0	5820.1	6.04	5.70	5.61	5790.0	5820.1	16.45	20.90	21.54	5790.0	5820.1	0.89	0.49	0.25
5950.0	5980.1	6.96	6.38	6.16	5950.0	5980.1	13.62	15.39	16.37	5950.0	5980.1	1.01	0.80	0.55
6110.0	6140.1	6.76	6.25	6.01	6110.0	6140.1	11.44	12.75	14.33	6110.0	6140.1	1.01	0.82	0.68
6270.0	6300.1	6.52	6.02	5.90	6270.0	6300.1	11.71	12.03	13.39	6270.0	6300.1	1.03	0.88	0.69
6430.0	6460.1	6.28	5.80	5.69	6430.0	6460.1	10.61	12.15	13.46	6430.0	6460.1	0.86	0.68	0.57
6590.0	6620.1	6.22	5.71	5.64	6590.0	6620.1	11.24	12.65	14.20	6590.0	6620.1	0.81	0.61	0.48
6750.0	6780.1	6.31	5.73	5.58	6750.0	6780.1	11.00	11.82	13.59	6750.0	6780.1	0.86	0.66	0.56
6910.0	6940.1	6.13	5.64	5.54	6910.0	6940.1	11.92	11.20	12.81	6910.0	6940.1	0.97	0.66	0.51
7060.0	7090.1	6.26	5.66	5.53	7060.0	7090.1	12.21	11.43	12.30	7060.0	7090.1	0.69	0.50	0.39
7220.0	7250.1	6.31	5.75	5.62	7220.0	7250.1	11.46	12.09	12.03	7220.0	7250.1	0.88	0.62	0.45
7380.0	7410.1	5.92	5.50	5.52	7380.0	7410.1	12.48	12.43	12.77	7380.0	7410.1	0.92	0.70	0.58
7540.0	7570.1	6.44	5.79	5.65	7540.0	7570.1	12.84	13.21	12.22	7540.0	7570.1	0.70	0.55	0.61
7700.0	7730.1	6.49	5.86	5.75	7700.0	7730.1	10.57	11.88	10.12	7700.0	7730.1	0.94	0.77	1.00
7860.0	7890.1	6.21	5.69	6.05	7860.0	7890.1	10.13	10.31	9.77	7860.0	7890.1	1.26	1.12	1.13
8040.0	8070.1	6.26	5.80	6.00	8040.0	8070.1	9.35	11.71	17.42	8040.0	8070.1	1.29	0.90	0.78
8200.0	8230.1	5.98	5.52	5.51	8200.0	8230.1	12.35	15.31	17.78	8200.0	8230.1	1.36	0.87	0.88
8360.0	8390.1	5.79	5.36	5.44	8360.0	8390.1	11.95	17.27	18.26	8360.0	8390.1	1.21	0.75	0.72
8520.0	8550.1	5.63	5.43	5.57	8520.0	8550.1	9.84	17.34	20.67	8520.0	8550.1	1.46	0.65	0.41
8680.0	8710.1	6.40	5.98	5.90	8680.0	8710.1	13.36	18.04	16.66	8680.0	8710.1	1.72	1.23	1.09
8840.0	8870.1	6.88	5.99	5.75	8840.0	8870.1	17.05	15.25	14.73	8840.0	8870.1	1.84	1.77	1.81
9000.0	9030.1	7.22	6.05	5.77	9000.0	9030.1	16.18	14.04	9.56	9000.0	9030.1	1.89	2.18	2.26

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5400MHz (dB)
		@LO (dBm)
		+10
2220.0	3180.0	9.06
2158.0	3242.0	9.30
2094.0	3306.0	9.35
2030.0	3370.0	9.32
1881.0	3519.0	10.39
1785.0	3615.0	10.73
1689.0	3711.0	10.53
1596.0	3804.0	9.41
1500.0	3900.0	8.99
1384.0	4016.0	9.26
1288.0	4112.0	8.31
1115.0	4285.0	7.72
1019.0	4381.0	7.12
923.0	4477.0	6.55
830.0	4570.0	6.21
734.0	4666.0	6.06
638.0	4762.0	5.84
442.0	4958.0	5.11
269.2	5130.8	5.20
96.4	5303.6	5.40
10.0	5410.0	5.58
72.0	5472.0	5.50
136.0	5536.0	5.58
200.0	5600.0	5.67
264.0	5664.0	5.57
416.0	5816.0	5.49
480.0	5880.0	5.55
542.0	5942.0	5.70
710.0	6110.0	5.90
774.0	6174.0	6.09
892.0	6292.0	6.86
1020.0	6420.0	7.38
1148.0	6548.0	7.61
1276.0	6676.0	8.54
1400.0	6800.0	8.92
1528.0	6928.0	10.94
1656.0	7056.0	10.50
1784.0	7184.0	11.71
1912.0	7312.0	9.97
2040.0	7440.0	10.45

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2800MHz (dB)
		@LO (dBm)
		+10
10.0	2810.0	6.07
40.0	2840.0	5.86
72.0	2872.0	5.81
104.0	2904.0	5.84
136.0	2936.0	5.76
168.0	2968.0	5.85
200.0	3000.0	5.78
232.0	3032.0	5.71
264.0	3064.0	5.69
296.0	3096.0	5.63
328.0	3128.0	5.65
360.0	3160.0	5.73
392.0	3192.0	5.67
424.0	3224.0	5.72
454.0	3254.0	5.74
486.0	3286.0	5.66
518.0	3318.0	5.70
550.0	3350.0	5.73
695.0	3495.0	5.93
775.0	3575.0	5.68
855.0	3655.0	5.60
935.0	3735.0	5.66
1015.0	3815.0	6.01
1095.0	3895.0	6.17
1175.0	3975.0	6.40
1271.0	4071.0	6.91
1380.0	4180.0	7.54
1455.0	4255.0	7.67
1535.0	4335.0	8.63
1615.0	4415.0	8.85
1695.0	4495.0	9.17
1775.0	4575.0	9.79
1855.0	4655.0	9.01
1935.0	4735.0	9.54
2070.0	4870.0	8.11
2150.0	4950.0	8.58
2230.0	5030.0	8.34
2310.0	5110.0	8.74
2390.0	5190.0	9.12
2470.0	5270.0	9.68

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=8000MHz (dB)
		@LO (dBm)
		+10
2220.0	5780.0	8.31
2175.0	5825.0	8.32
2127.0	5873.0	8.45
2079.0	5921.0	8.86
1952.0	6048.0	9.82
1872.0	6128.0	10.30
1792.0	6208.0	11.06
1712.0	6288.0	10.52
1632.0	6368.0	11.39
1552.0	6448.0	9.47
1472.0	6528.0	10.00
1392.0	6608.0	8.11
1312.0	6688.0	8.48
1205.0	6795.0	7.69
1130.0	6870.0	6.82
1050.0	6950.0	6.87
970.0	7030.0	6.22
890.0	7110.0	6.05
810.0	7190.0	5.95
730.0	7270.0	5.90
650.0	7350.0	5.81
584.0	7416.0	5.72
552.0	7448.0	5.65
520.0	7480.0	5.60
488.0	7512.0	5.64
456.0	7544.0	5.68
424.0	7576.0	5.61
394.0	7606.0	5.59
362.0	7638.0	5.63
330.0	7670.0	5.53
298.0	7702.0	5.56
266.0	7734.0	5.57
234.0	7766.0	5.48
202.0	7798.0	5.52
170.0	7830.0	5.57
138.0	7862.0	5.53
106.0	7894.0	5.61
74.0	7926.0	5.63
42.0	7958.0	5.65
10.0	7990.0	5.88

Frequency Mixer

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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
2560.0	45.25	48.68	44.81	8.16	7.95	7.47
2710.0	39.16	38.68	38.80	10.37	9.61	8.83
2926.0	46.99	43.68	40.85	12.67	11.43	10.43
3086.0	42.28	39.29	36.86	13.36	12.30	11.49
3246.0	43.30	48.15	43.02	13.53	12.67	11.97
3406.0	40.95	47.27	42.59	13.61	13.09	12.59
3566.0	36.44	37.39	36.83	13.41	13.56	13.52
3726.0	29.28	29.70	30.34	12.87	13.42	13.69
3886.0	31.44	32.85	34.32	12.40	13.59	14.46
4120.0	26.77	29.62	31.43	11.68	13.34	14.92
4280.0	25.16	28.30	30.83	13.29	15.11	16.84
4440.0	25.17	27.15	28.83	15.88	17.70	19.19
4600.0	27.63	29.57	30.66	18.91	20.07	20.73
4760.0	31.09	35.55	40.72	21.71	22.07	22.09
4910.0	35.87	41.98	50.58	24.34	23.78	23.18
5090.0	33.65	36.66	40.92	26.66	25.09	23.99
5250.0	41.86	43.89	44.82	28.69	26.73	25.41
5410.0	48.98	48.02	46.72	30.05	27.90	26.51
5660.0	44.28	41.84	40.23	32.77	30.51	29.13
5820.0	55.94	50.37	44.12	34.15	31.94	30.49
5980.0	42.19	41.76	40.48	36.58	34.44	32.90
6140.0	39.56	40.04	39.36	38.07	36.14	34.61
6300.0	35.17	34.78	35.08	40.26	38.16	36.56
6460.0	45.66	40.47	36.11	43.26	39.64	37.68
6620.0	38.07	36.47	34.45	48.95	42.44	39.26
6780.0	35.59	33.58	31.51	52.33	43.62	39.69
6940.0	34.75	32.31	30.23	48.72	42.81	38.82
7090.0	33.86	30.95	28.58	44.35	40.25	36.31
7250.0	34.91	31.60	28.92	42.51	38.93	34.71
7410.0	31.71	29.04	27.47	40.13	35.56	31.56
7570.0	30.46	27.43	25.39	38.13	32.42	28.46
7730.0	31.28	28.10	26.03	32.51	27.70	24.61
7890.0	29.81	27.05	25.07	24.65	21.94	20.66
8070.0	28.52	26.06	23.38	18.62	19.77	20.60
8230.0	27.85	25.04	22.16	19.06	21.68	21.76
8390.0	24.95	23.00	20.66	21.50	23.41	22.90
8550.0	24.13	23.36	21.49	22.49	24.14	23.79
8710.0	21.17	21.30	20.99	23.23	24.72	24.83
8870.0	18.69	18.88	18.68	23.42	25.00	25.46
9030.0	16.87	16.79	16.88	23.72	25.33	26.21

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
2530.0	2560.0	35.19	37.59	50.51
2680.0	2710.0	32.26	30.81	28.94
2896.0	2926.0	26.27	24.22	23.06
3056.0	3086.0	24.59	22.67	21.41
3216.0	3246.0	20.68	19.31	18.36
3376.0	3406.0	18.45	17.44	16.73
3536.0	3566.0	15.73	15.03	14.50
3696.0	3726.0	14.48	13.70	13.08
3856.0	3886.0	13.09	12.62	12.24
4090.0	4120.0	11.65	11.45	11.27
4250.0	4280.0	9.09	9.22	9.22
4410.0	4440.0	8.79	9.00	9.05
4570.0	4600.0	10.36	10.74	10.97
4730.0	4760.0	10.69	11.05	11.31
4880.0	4910.0	11.67	11.90	12.08
5060.0	5090.0	13.43	13.82	14.08
5220.0	5250.0	15.12	15.67	16.08
5380.0	5410.0	16.72	17.17	17.58
5630.0	5660.0	20.11	20.57	20.85
5790.0	5820.0	21.31	21.45	21.50
5950.0	5980.0	24.04	23.99	23.94
6110.0	6140.0	27.48	27.32	27.11
6270.0	6300.0	29.98	29.63	29.27
6430.0	6460.0	30.72	29.57	28.88
6590.0	6620.0	30.35	29.12	28.47
6750.0	6780.0	28.37	27.32	26.66
6910.0	6940.0	26.88	26.23	25.61
7060.0	7090.0	25.49	25.37	24.90
7220.0	7250.0	24.36	24.57	24.48
7380.0	7410.0	23.13	23.61	23.63
7540.0	7570.0	23.43	25.19	26.30
7700.0	7730.0	21.14	22.44	24.21
7860.0	7890.0	21.26	22.93	25.35
8040.0	8070.0	23.30	25.04	26.34
8200.0	8230.0	23.36	23.94	24.14
8360.0	8390.0	21.88	22.86	23.46
8520.0	8550.0	21.82	22.99	23.77
8680.0	8710.0	20.49	21.56	22.35
8840.0	8870.0	20.24	21.01	21.62
9000.0	9030.0	20.81	21.43	21.84

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=800MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
2530.0	2560.0	3.85	3.44	3.08	2560.0	2.44	2.72	3.13	11.0	1.01	1.43	1.53
2680.0	2710.0	3.25	2.93	2.72	2710.0	2.42	2.84	3.35	176.0	1.09	1.30	1.65
2896.0	2926.0	2.93	2.52	2.24	2926.0	2.30	2.89	3.55	208.0	1.14	1.28	1.63
3056.0	3086.0	2.63	2.28	2.04	3086.0	2.14	2.78	3.49	240.0	1.14	1.26	1.60
3216.0	3246.0	2.36	2.06	1.85	3246.0	2.11	2.80	3.56	272.0	1.16	1.25	1.60
3376.0	3406.0	2.00	1.76	1.60	3406.0	2.00	2.72	3.52	304.0	1.23	1.21	1.53
3536.0	3566.0	1.61	1.44	1.32	3566.0	1.86	2.56	3.34	336.0	1.25	1.23	1.52
3696.0	3726.0	1.65	1.42	1.26	3726.0	1.89	2.58	3.39	368.0	1.26	1.21	1.52
3856.0	3886.0	1.60	1.44	1.33	3886.0	1.87	2.44	3.18	400.0	1.35	1.20	1.45
4090.0	4120.0	2.56	2.34	2.19	4120.0	2.13	2.57	3.22	536.0	1.56	1.30	1.39
4250.0	4280.0	2.15	2.02	1.91	4280.0	2.24	2.57	3.14	568.0	1.55	1.26	1.36
4410.0	4440.0	1.93	1.83	1.77	4440.0	2.35	2.57	3.06	600.0	1.69	1.35	1.32
4570.0	4600.0	1.86	1.69	1.57	4600.0	2.42	2.57	2.99	632.0	1.75	1.40	1.38
4730.0	4760.0	2.51	2.39	2.28	4760.0	2.44	2.48	2.83	664.0	1.75	1.37	1.32
4880.0	4910.0	2.44	2.28	2.17	4910.0	2.37	2.35	2.69	694.0	1.84	1.45	1.33
5060.0	5090.0	2.25	2.02	1.90	5090.0	2.48	2.32	2.57	726.0	2.01	1.56	1.38
5220.0	5250.0	2.36	2.04	1.84	5250.0	2.53	2.37	2.57	758.0	1.89	1.47	1.33
5380.0	5410.0	2.25	1.96	1.78	5410.0	2.44	2.28	2.52	790.0	2.10	1.62	1.37
5630.0	5660.0	2.31	1.93	1.73	5660.0	2.45	2.15	2.35	822.0	2.19	1.69	1.41
5790.0	5820.0	2.35	2.05	1.86	5820.0	2.46	2.16	2.36	854.0	2.01	1.60	1.38
5950.0	5980.0	3.07	2.74	2.53	5980.0	2.81	2.30	2.39	886.0	2.35	1.79	1.44
6110.0	6140.0	3.22	2.80	2.60	6140.0	3.00	2.44	2.45	918.0	2.26	1.77	1.46
6270.0	6300.0	3.09	2.65	2.43	6300.0	2.95	2.42	2.44	950.0	2.21	1.75	1.45
6430.0	6460.0	2.84	2.39	2.16	6460.0	2.98	2.28	2.27	982.0	2.47	1.89	1.50
6590.0	6620.0	2.72	2.29	2.07	6620.0	3.31	2.45	2.29	1014.0	2.24	1.81	1.50
6750.0	6780.0	2.87	2.40	2.17	6780.0	3.39	2.48	2.27	1046.0	2.47	1.92	1.55
6910.0	6940.0	2.85	2.35	2.10	6940.0	3.39	2.57	2.28	1078.0	2.43	1.91	1.53
7060.0	7090.0	2.87	2.33	2.03	7090.0	3.28	2.52	2.26	1108.0	2.43	2.00	1.65
7220.0	7250.0	2.82	2.37	2.01	7250.0	3.47	2.53	2.25	1140.0	2.55	1.99	1.60
7380.0	7410.0	2.55	2.12	1.83	7410.0	3.44	2.47	2.13	1172.0	2.29	1.88	1.57
7540.0	7570.0	2.60	2.11	1.74	7570.0	3.57	2.52	2.11	1204.0	2.74	2.21	1.82
7700.0	7730.0	2.55	2.09	1.70	7730.0	3.79	2.50	2.03	1250.0	2.71	2.16	1.76
7860.0	7890.0	2.33	1.85	1.48	7890.0	3.71	2.40	1.94	1381.0	2.26	1.98	1.76
8040.0	8070.0	1.93	1.53	1.36	8070.0	3.89	2.59	2.10	1541.0	1.98	1.80	1.68
8200.0	8230.0	1.71	1.44	1.32	8230.0	4.15	2.66	2.05	1701.0	1.76	1.68	1.64
8360.0	8390.0	1.57	1.30	1.21	8390.0	3.91	2.47	1.84	1861.0	1.50	1.48	1.49
8520.0	8550.0	1.42	1.11	1.06	8550.0	3.52	2.22	1.59	2021.0	1.36	1.46	1.57
8680.0	8710.0	1.81	1.58	1.40	8710.0	2.79	1.86	1.36	2181.0	1.43	1.63	1.80
8840.0	8870.0	2.20	1.81	1.59	8870.0	2.31	1.59	1.17	2341.0	1.60	1.86	2.08
9000.0	9030.0	2.44	1.92	1.66	9030.0	1.76	1.28	1.07	2501.0	1.89	2.28	2.59

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	26	17	49	---	---	---	---	---	---
1	-	13	+0	44	26	48	52	---	---	---	---	---
2	83	68	61	53	63	66	61	60	---	---	---	---
3	>90	>74	67	>74	58	>74	72	>74	>74	---	---	---
4	89	>74	>74	>74	>74	>74	>74	>74	>74	>74	---	---
5	---	---	>74	>74	>74	>74	>74	>74	>74	>74	>74	---
6	---	---	---	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	---	---	---	---	>74	>74	>74	>74	>74	>74	>74	>74
8	---	---	---	---	---	>74	>74	>74	>74	>74	>74	>74
9	---	---	---	---	---	---	>74	>74	>74	>74	>74	>74
10	---	---	---	---	---	---	---	>74	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 5400 MHz; -10.00 dBm.
 LO IN: 5430 MHz; +10.00 dBm
 IF OUT: 30 MHz; -15.81 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	37	28	50	---	---	---	---	---	---
1	-	13	+0	51	26	51	56	---	---	---	---	---
2	63	56	52	47	55	60	55	57	---	---	---	---
3	88	53	46	62	37	60	52	60	70	---	---	---
4	>90	64	82	73	80	57	75	69	70	63	---	---
5	---	---	>84	>84	77	>84	67	76	71	75	>84	---
6	---	---	---	77	>84	83	>84	70	>84	80	84	75
7	---	---	---	---	>84	>84	>84	>84	80	>84	>84	>84
8	---	---	---	---	---	>84	>84	>84	>84	>84	>84	>84
9	---	---	---	---	---	---	>84	>84	>84	>84	>84	>84
10	---	---	---	---	---	---	---	>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: 5400 MHz; 0.00 dBm.
 LO IN: 5430 MHz; +10.00 dBm
 IF OUT: 30 MHz; -6.02 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.