

Frequency Mixer

MAC-60LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
1600.1	1630.1	8.84	7.48	6.61
1700.1	1730.1	7.68	6.80	6.32
1800.1	1830.1	6.95	6.39	6.11
1900.1	1930.1	6.68	6.31	6.08
2000.1	2030.1	6.53	6.30	6.03
2100.1	2130.1	6.36	6.07	5.93
2200.1	2230.1	6.04	5.74	5.70
2300.1	2330.1	6.04	5.63	5.49
2400.1	2430.1	5.96	5.66	5.53
2500.1	2530.1	5.93	5.67	5.53
2600.1	2630.1	5.81	5.60	5.59
2700.1	2730.1	5.92	5.80	5.81
2800.1	2830.1	6.19	6.07	5.98
2900.1	2930.1	6.35	6.12	5.93
3000.1	3030.1	6.67	6.33	6.14
3100.1	3130.1	6.92	6.49	6.25
3200.1	3230.1	6.97	6.44	6.17
3400.1	3430.1	7.18	6.62	6.28
3600.1	3630.1	7.42	6.81	6.43
3800.1	3830.1	7.04	6.37	6.11
4000.1	4030.1	7.61	6.97	6.41
4100.1	4130.1	7.42	6.88	6.50
4200.1	4230.1	7.15	6.56	6.33
4400.1	4430.1	6.67	6.37	6.33
4500.1	4530.1	6.38	6.11	6.08
4600.1	4630.1	6.13	5.85	5.87
4700.1	4730.1	6.29	6.13	6.25
4800.1	4830.1	7.69	6.98	6.63
4900.1	4930.1	7.52	7.01	6.78
5000.1	5030.1	6.77	6.38	6.30
5100.1	5130.1	6.35	6.14	6.05
5200.1	5230.1	6.63	6.28	6.19
5300.1	5330.1	6.65	6.23	6.13
5400.1	5430.1	6.34	6.09	6.00
5500.1	5530.1	6.19	5.86	5.76
5600.1	5630.1	6.33	5.95	5.87
5700.1	5730.1	6.43	5.98	5.81
5800.1	5830.1	6.81	6.16	5.91
5900.1	5930.1	7.84	6.63	6.13
6000.1	6030.1	9.09	7.06	6.41

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
1600.1	1630.1	7.42	11.25	16.74
1700.1	1730.1	11.25	12.77	13.60
1800.1	1830.1	13.58	14.69	14.18
1900.1	1930.1	13.97	14.06	15.00
2000.1	2030.1	20.63	13.21	12.01
2100.1	2130.1	14.82	12.84	11.44
2200.1	2230.1	15.49	17.82	17.53
2300.1	2330.1	14.30	14.57	18.05
2400.1	2430.1	15.17	17.69	20.02
2500.1	2530.1	13.54	14.56	18.45
2600.1	2630.1	11.27	15.77	20.46
2700.1	2730.1	21.13	23.91	24.60
2800.1	2830.1	18.15	18.50	19.11
2900.1	2930.1	14.42	14.79	15.56
3000.1	3030.1	18.51	19.90	22.32
3100.1	3130.1	17.66	17.59	18.35
3200.1	3230.1	15.62	14.73	15.42
3400.1	3430.1	14.61	15.58	16.06
3600.1	3630.1	11.36	12.49	14.34
3800.1	3830.1	11.30	12.06	14.05
4000.1	4030.1	10.69	12.02	13.09
4100.1	4130.1	9.47	10.39	11.68
4200.1	4230.1	10.74	13.91	15.38
4400.1	4430.1	11.02	13.23	14.38
4500.1	4530.1	11.08	12.55	13.97
4600.1	4630.1	12.54	14.81	14.98
4700.1	4730.1	13.24	17.47	18.50
4800.1	4830.1	13.86	19.71	17.40
4900.1	4930.1	12.12	13.65	13.69
5000.1	5030.1	11.20	12.90	13.17
5100.1	5130.1	12.28	13.96	14.54
5200.1	5230.1	15.74	16.21	16.12
5300.1	5330.1	12.59	13.73	13.70
5400.1	5430.1	11.45	12.71	13.23
5500.1	5530.1	12.23	14.03	15.28
5600.1	5630.1	10.79	12.47	13.55
5700.1	5730.1	6.94	7.56	7.42
5800.1	5830.1	5.01	7.51	8.73
5900.1	5930.1	8.39	8.81	9.24
6000.1	6030.1	7.40	8.98	10.21

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+5dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
1600.1	1630.1	1.26	1.36	1.38
1700.1	1730.1	1.59	1.50	1.34
1800.1	1830.1	1.69	1.55	1.35
1900.1	1930.1	1.44	1.26	1.16
2000.1	2030.1	1.25	1.00	1.01
2100.1	2130.1	1.29	1.17	1.07
2200.1	2230.1	1.13	0.85	0.63
2300.1	2330.1	0.94	0.77	0.61
2400.1	2430.1	0.99	0.69	0.52
2500.1	2530.1	0.95	0.60	0.44
2600.1	2630.1	1.00	0.58	0.37
2700.1	2730.1	0.89	0.55	0.38
2800.1	2830.1	1.02	0.67	0.52
2900.1	2930.1	1.15	0.83	0.65
3000.1	3030.1	1.34	1.09	0.93
3100.1	3130.1	1.31	1.11	0.97
3200.1	3230.1	1.21	0.95	0.74
3400.1	3430.1	1.31	1.11	0.95
3600.1	3630.1	1.15	1.11	1.01
3800.1	3830.1	1.12	1.04	0.90
4000.1	4030.1	0.97	0.71	0.76
4100.1	4130.1	1.29	0.92	0.84
4200.1	4230.1	1.36	0.97	0.81
4400.1	4430.1	1.13	0.79	0.67
4500.1	4530.1	1.11	0.70	0.56
4600.1	4630.1	0.97	0.46	0.25
4700.1	4730.1	1.36	0.83	0.54
4800.1	4830.1	1.12	0.97	0.89
4900.1	4930.1	1.00	0.93	0.90
5000.1	5030.1	1.31	1.15	0.97
5100.1	5130.1	1.18	0.91	0.78
5200.1	5230.1	0.97	0.75	0.59
5300.1	5330.1	1.35	1.15	0.97
5400.1	5430.1	1.46	1.18	0.98
5500.1	5530.1	1.18	0.99	0.83
5600.1	5630.1	1.66	1.48	1.30
5700.1	5730.1	2.05	1.97	1.88
5800.1	5830.1	2.11	1.91	1.92
5900.1	5930.1	2.12	1.93	1.95
6000.1	6030.1	2.32	2.38	2.07

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3800.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1600.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6000.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
2800.0	1000.1	23.81	10.0	1610.1	7.55	3250.0	2750.1	16.65
2600.0	1200.1	18.70	20.0	1620.1	7.42	3200.0	2800.1	15.43
2400.0	1400.1	12.07	30.0	1630.1	7.45	3100.0	2900.1	13.80
2200.0	1600.1	10.08	40.0	1640.1	7.21	3000.0	3000.1	11.86
2000.0	1800.1	8.17	50.0	1650.1	7.17	2900.0	3100.1	11.03
1800.0	2000.1	8.39	60.0	1660.1	7.14	2800.0	3200.1	11.16
1600.0	2200.1	8.54	70.0	1670.1	7.13	2700.0	3300.1	10.87
1400.0	2400.1	10.05	80.0	1680.1	6.94	2600.0	3400.1	10.55
1200.0	2600.1	9.97	90.0	1690.1	7.14	2500.0	3500.1	10.87
1000.0	2800.1	9.44	100.0	1700.1	6.96	2400.0	3600.1	11.22
800.0	3000.1	8.07	200.0	1800.1	6.50	2300.0	3700.1	11.03
600.0	3200.1	7.16	300.0	1900.1	6.16	2200.0	3800.1	10.19
400.0	3400.1	6.60	400.0	2000.1	6.27	2100.0	3900.1	9.65
200.0	3600.1	6.46	500.0	2100.1	6.19	2000.0	4000.1	9.49
120.0	3680.1	6.51	600.0	2200.1	6.24	1900.0	4100.1	9.22
100.0	3700.1	6.44	700.0	2300.1	6.31	1800.0	4200.1	8.60
80.0	3720.1	6.48	800.0	2400.1	6.37	1700.0	4300.1	8.62
60.0	3740.1	6.48	900.0	2500.1	6.73	1600.0	4400.1	8.70
40.0	3760.1	6.38	1000.0	2600.1	7.01	1500.0	4500.1	8.77
20.0	3780.1	6.31	1100.0	2700.1	7.22	1400.0	4600.1	8.68
10.0	3810.1	6.25	1200.0	2800.1	6.82	1300.0	4700.1	8.31
30.0	3830.1	6.34	1300.0	2900.1	6.57	1200.0	4800.1	7.72
50.0	3850.1	6.28	1400.0	3000.1	6.54	1100.0	4900.1	7.20
70.0	3870.1	6.36	1500.0	3100.1	6.86	1000.0	5000.1	6.69
90.0	3890.1	6.39	1600.0	3200.1	7.11	900.0	5100.1	6.50
120.0	3920.1	6.54	1700.0	3300.1	7.29	800.0	5200.1	5.79
160.0	3960.1	6.64	1800.0	3400.1	7.96	700.0	5300.1	5.56
200.0	4000.1	6.76	1900.0	3500.1	8.59	600.0	5400.1	5.47
400.0	4200.1	6.92	2000.0	3600.1	9.05	500.0	5500.1	5.16
600.0	4400.1	6.63	2100.0	3700.1	9.02	400.0	5600.1	5.16
800.0	4600.1	6.71	2200.0	3800.1	9.26	300.0	5700.1	5.12
1000.0	4800.1	7.52	2300.0	3900.1	9.63	200.0	5800.1	5.87
1200.0	5000.1	9.05	2400.0	4000.1	9.83	160.0	5840.1	6.32
1400.0	5200.1	9.55	2500.0	4100.1	9.86	140.0	5860.1	6.47
1600.0	5400.1	8.99	2600.0	4200.1	9.99	120.0	5880.1	6.52
1800.0	5600.1	8.68	2700.0	4300.1	10.50	100.0	5900.1	6.60
2000.0	5800.1	9.75	2800.0	4400.1	11.04	80.0	5920.1	6.74
2200.0	6000.1	10.65	2900.0	4500.1	12.02	60.0	5940.1	6.87
2400.0	6200.1	14.68	3000.0	4600.1	13.03	40.0	5960.1	6.79
2600.0	6400.1	17.19	3100.0	4700.1	14.43	20.0	5980.1	6.75

Frequency Mixer

MAC-60LH+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)					@LO (dBm)		
	+7	+10	+13	+7	+10	+13			+7	+10	+13
1630.1	31.99	30.71	30.56	15.05	17.05	18.96	1600.1	1630.1	12.49	11.14	10.41
1730.1	32.82	31.73	31.56	15.34	17.37	19.17	1700.1	1730.1	13.16	12.02	11.43
1830.1	35.09	33.36	32.71	16.05	18.01	19.47	1800.1	1830.1	15.21	13.93	13.20
1930.1	42.39	39.33	37.55	17.07	18.81	19.76	1900.1	1930.1	18.95	17.48	16.46
2030.1	43.44	41.31	40.92	17.29	18.60	18.97	2000.1	2030.1	21.18	20.47	19.79
2130.1	38.68	36.08	33.63	17.00	18.01	18.23	2100.1	2130.1	22.52	23.81	25.30
2230.1	36.90	35.09	33.10	17.79	18.42	18.09	2200.1	2230.1	24.48	24.18	23.51
2330.1	36.59	34.94	33.08	19.00	18.60	17.79	2300.1	2330.1	23.96	22.79	21.80
2430.1	38.33	36.43	34.55	19.13	18.38	17.57	2400.1	2430.1	24.11	22.90	22.06
2530.1	41.34	39.31	36.43	19.36	18.23	17.37	2500.1	2530.1	22.13	20.77	19.98
2630.1	35.92	34.39	33.32	19.57	18.40	17.53	2600.1	2630.1	20.59	19.69	19.08
2730.1	40.04	37.87	36.43	20.01	18.67	17.78	2700.1	2730.1	20.19	19.58	19.13
2830.1	42.00	40.26	39.02	20.26	18.93	18.07	2800.1	2830.1	20.80	20.32	20.03
2930.1	39.48	39.06	38.48	20.21	19.18	18.48	2900.1	2930.1	22.13	21.50	21.10
3030.1	37.96	37.80	37.69	19.44	18.99	18.61	3000.1	3030.1	24.19	23.43	22.89
3130.1	38.19	37.55	37.07	18.34	18.65	18.77	3100.1	3130.1	26.82	26.00	25.48
3230.1	39.03	37.85	36.68	17.08	18.19	19.04	3200.1	3230.1	24.67	24.11	23.53
3430.1	36.22	36.28	36.19	14.05	16.06	17.98	3400.1	3430.1	24.26	24.47	24.57
3630.1	37.07	36.30	35.18	12.47	13.97	14.89	3600.1	3630.1	31.62	31.39	31.35
3830.1	39.09	36.44	34.04	13.74	14.05	13.73	3800.1	3830.1	20.03	19.72	19.50
4030.1	40.38	37.06	33.78	15.65	14.79	13.84	4000.1	4030.1	16.01	15.75	15.56
4130.1	38.99	38.52	35.20	16.59	14.95	13.78	4100.1	4130.1	15.11	14.67	14.38
4230.1	34.51	35.33	34.95	17.94	15.78	14.35	4200.1	4230.1	14.71	14.25	13.99
4430.1	45.90	40.93	35.98	21.89	18.46	16.36	4400.1	4430.1	15.31	14.59	14.13
4530.1	41.10	39.24	34.38	22.97	19.22	17.05	4500.1	4530.1	16.56	15.89	15.34
4630.1	39.08	32.74	29.27	23.62	19.89	17.79	4600.1	4630.1	16.35	15.87	15.37
4730.1	38.83	34.46	30.77	24.45	20.82	18.77	4700.1	4730.1	16.89	16.36	16.01
4830.1	37.71	41.10	37.55	25.01	21.82	19.96	4800.1	4830.1	17.89	17.06	16.46
4930.1	33.96	36.69	37.58	25.12	22.96	21.49	4900.1	4930.1	17.64	17.11	16.71
5030.1	30.81	31.45	31.27	24.11	23.17	22.67	5000.1	5030.1	16.77	16.33	16.03
5130.1	28.50	28.58	27.96	23.18	22.99	23.16	5100.1	5130.1	16.79	16.32	16.13
5230.1	28.38	28.79	28.22	22.25	22.52	22.90	5200.1	5230.1	17.54	17.13	16.88
5330.1	26.14	27.26	27.88	20.94	21.54	22.08	5300.1	5330.1	17.92	17.64	17.50
5430.1	24.55	25.46	25.99	19.91	20.52	21.36	5400.1	5430.1	16.81	16.16	15.77
5530.1	24.23	25.39	26.26	20.05	21.15	22.41	5500.1	5530.1	16.20	15.42	15.02
5630.1	24.57	25.79	26.78	16.97	18.13	19.73	5600.1	5630.1	19.71	18.72	18.04
5730.1	22.58	23.77	24.88	12.65	13.99	15.86	5700.1	5730.1	21.97	20.61	19.37
5830.1	22.76	24.02	24.91	10.52	12.28	14.50	5800.1	5830.1	21.93	20.84	19.71
5930.1	24.32	25.63	26.34	10.09	11.80	13.95	5900.1	5930.1	25.29	22.19	20.92
6030.1	25.70	27.32	28.25	10.47	11.83	13.58	6000.1	6030.1	25.49	22.58	21.07

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=6000.1MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1600.1	1630.1	2.79	2.33	2.05	1630.1	5.15	4.43	4.78	10.1	1.24	1.29	1.51
1700.1	1730.1	2.85	2.52	2.32	1730.1	3.40	3.36	3.85	15.1	1.03	1.30	1.32
1800.1	1830.1	3.02	2.75	2.58	1830.1	2.50	2.68	3.25	20.1	1.05	1.35	1.37
1900.1	1930.1	3.20	2.98	2.86	1930.1	1.86	2.14	2.74	25.1	1.06	1.33	1.33
2000.1	2030.1	3.14	2.87	2.71	2030.1	1.61	1.91	2.49	30.1	1.09	1.25	1.35
2100.1	2130.1	3.18	2.87	2.65	2130.1	1.62	1.89	2.41	35.1	1.09	1.24	1.32
2200.1	2230.1	2.84	2.46	2.26	2230.1	1.81	1.97	2.42	40.1	1.08	1.26	1.32
2300.1	2330.1	2.85	2.46	2.20	2330.1	1.73	1.89	2.38	45.1	1.14	1.23	1.30
2400.1	2430.1	2.70	2.38	2.19	2430.1	1.80	1.97	2.45	50.1	1.16	1.25	1.31
2500.1	2530.1	2.34	2.01	1.82	2530.1	1.86	2.05	2.54	55.1	1.15	1.27	1.30
2600.1	2630.1	2.02	1.81	1.69	2630.1	1.83	2.03	2.56	60.1	1.15	1.25	1.32
2700.1	2730.1	2.13	1.98	1.89	2730.1	1.63	1.98	2.58	65.1	1.14	1.26	1.33
2800.1	2830.1	2.48	2.35	2.27	2830.1	1.49	1.97	2.65	70.1	1.14	1.26	1.34
2900.1	2930.1	2.94	2.74	2.59	2930.1	1.42	2.00	2.71	75.1	1.13	1.23	1.30
3000.1	3030.1	3.15	2.96	2.83	3030.1	1.41	2.04	2.78	80.1	1.13	1.24	1.30
3100.1	3130.1	3.34	3.11	2.97	3130.1	1.46	2.10	2.85	85.1	1.14	1.24	1.30
3200.1	3230.1	3.10	2.78	2.53	3230.1	1.56	2.18	2.92	90.1	1.16	1.25	1.31
3400.1	3430.1	3.08	2.88	2.70	3430.1	1.80	2.30	2.98	95.1	1.18	1.28	1.33
3600.1	3630.1	2.94	2.65	2.50	3630.1	2.19	2.47	2.98	100.1	1.21	1.31	1.36
3800.1	3830.1	2.85	2.47	2.27	3830.1	2.52	2.57	2.89	150.1	1.30	1.39	1.46
4000.1	4030.1	2.84	2.56	2.27	4030.1	2.85	2.74	2.95	200.1	1.39	1.51	1.58
4100.1	4130.1	2.72	2.45	2.26	4130.1	2.80	2.52	2.68	250.1	1.47	1.56	1.63
4200.1	4230.1	2.40	2.12	1.98	4230.1	2.83	2.33	2.42	300.1	1.56	1.65	1.73
4400.1	4430.1	2.21	1.91	1.75	4430.1	3.43	2.40	2.23	400.1	1.74	1.79	1.88
4500.1	4530.1	2.22	1.86	1.66	4530.1	3.84	2.49	2.11	500.1	1.93	1.92	2.02
4600.1	4630.1	2.02	1.64	1.43	4630.1	3.76	2.37	1.93	600.1	2.15	2.05	2.15
4700.1	4730.1	2.06	1.74	1.56	4730.1	3.60	2.19	1.69	700.1	2.38	2.16	2.21
4800.1	4830.1	3.20	2.80	2.48	4830.1	3.31	1.96	1.45	800.1	2.62	2.25	2.25
4900.1	4930.1	3.31	2.93	2.64	4930.1	2.94	1.72	1.22	900.1	2.81	2.28	2.22
5000.1	5030.1	2.84	2.53	2.31	5030.1	2.55	1.51	1.03	1000.1	3.02	2.36	2.25
5100.1	5130.1	2.41	2.12	1.94	5130.1	2.14	1.32	1.18	1100.1	3.28	2.45	2.29
5200.1	5230.1	2.27	2.03	1.86	5230.1	1.75	1.20	1.39	1200.1	3.59	2.60	2.37
5300.1	5330.1	2.48	2.25	2.10	5330.1	1.39	1.23	1.64	1300.1	3.89	2.73	2.44
5400.1	5430.1	2.25	2.03	1.89	5430.1	1.10	1.41	1.93	1400.1	4.06	2.84	2.53
5500.1	5530.1	1.87	1.67	1.54	5530.1	1.17	1.65	2.24	1500.1	4.07	2.93	2.60
5600.1	5630.1	1.87	1.70	1.60	5630.1	1.53	1.99	2.59	1600.1	4.06	3.00	2.67
5700.1	5730.1	1.77	1.57	1.44	5730.1	2.01	2.40	2.98	1700.1	4.07	3.12	2.77
5800.1	5830.1	1.54	1.32	1.21	5830.1	2.60	2.88	3.41	1800.1	4.12	3.23	2.93
5900.1	5930.1	1.27	1.21	1.26	5930.1	3.52	3.60	4.02	1900.1	4.12	3.33	3.11
6000.1	6030.1	1.16	1.36	1.50	6030.1	4.96	4.89	4.94	2000.1	4.05	3.50	3.36

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-12.79	19.49	21.66	28.00	11.96	61.79	---	---	---	---
1	---	13.27	---	30.10	18.81	41.81	29.75	64.42	63.82	---	---	---
2	120.42	51.46	43.40	53.62	43.70	53.04	64.80	55.12	48.73	79.20	---	---
3	123.19	64.69	57.88	79.05	59.13	66.19	80.39	73.23	74.65	74.40	100.76	---
4	125.21	83.34	93.09	85.71	80.16	88.05	79.49	83.92	96.96	78.64	81.03	100.91
5	119.69	94.53	103.61	103.28	100.50	107.40	88.84	90.30	99.16	102.26	97.28	97.44
6	133.21	110.81	100.80	105.46	104.65	109.68	88.44	99.64	86.83	105.29	106.32	98.95
7	---	---	111.54	102.06	105.00	99.31	100.00	89.87	97.38	85.77	104.04	105.49
8	---	---	---	111.16	95.85	104.99	102.35	101.45	107.89	104.10	104.43	110.62
9	---	---	---	---	112.46	104.12	98.77	105.00	104.85	105.59	107.99	102.43
10	---	---	---	---	---	109.73	97.32	101.32	107.00	104.73	104.38	109.43
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; -10.00 dBm
LO IN: 3830.1 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-2.67	30.00	32.21	46.91	24.33	71.31	---	---	---	---
1	---	13.12	---	32.82	18.45	43.44	30.52	60.65	67.37	---	---	---
2	112.44	40.74	34.65	44.63	36.33	47.78	58.63	55.31	44.03	80.25	---	---
3	119.06	44.32	37.14	59.93	39.06	47.95	57.61	57.62	57.17	68.69	84.19	---
4	111.51	60.25	71.84	61.69	55.73	58.84	55.01	58.99	78.42	59.74	62.21	84.57
5	117.78	81.40	84.49	69.78	65.40	85.68	53.65	66.12	63.37	71.81	65.70	73.58
6	120.41	97.21	75.18	76.32	82.74	78.69	73.92	75.07	72.56	74.03	89.34	69.55
7	---	---	111.92	85.65	85.51	82.44	76.84	103.97	66.67	74.33	75.76	81.02
8	---	---	---	114.05	85.93	85.59	92.19	92.06	88.77	86.79	83.74	83.50
9	---	---	---	---	119.38	101.83	99.05	91.61	93.65	93.83	79.95	84.27
10	---	---	---	---	---	112.18	89.36	92.43	100.33	100.29	94.49	101.94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; 0 dBm
LO IN: 3830.1 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.43 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 represents the Harmonics level of the RF Input Signal to the mixer