

Frequency Mixer

MAC-60+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+4	+7	+10			+4	+7	+10			+4	+7	+10
1600.1	1630.1	7.28	6.63	6.21	1600.1	1630.1	8.03	8.82	9.23	1600.1	1630.1	1.90	1.65	1.47
1700.1	1730.1	6.73	6.35	6.08	1700.1	1730.1	9.20	9.00	8.75	1700.1	1730.1	1.87	1.55	1.37
1800.1	1830.1	6.49	6.16	5.97	1800.1	1830.1	10.97	10.84	10.44	1800.1	1830.1	1.61	1.42	1.30
1900.1	1930.1	6.37	6.13	5.99	1900.1	1930.1	11.40	10.19	10.03	1900.1	1930.1	1.34	1.18	1.11
2000.1	2030.1	6.34	6.08	5.96	2000.1	2030.1	12.46	9.90	8.85	2000.1	2030.1	1.16	1.03	0.98
2100.1	2130.1	6.14	5.94	5.97	2100.1	2130.1	11.05	10.41	9.43	2100.1	2130.1	1.29	1.11	0.93
2200.1	2230.1	5.99	5.86	5.81	2200.1	2230.1	11.28	13.35	15.21	2200.1	2230.1	1.00	0.74	0.60
2300.1	2330.1	5.87	5.64	5.60	2300.1	2330.1	11.96	12.98	14.59	2300.1	2330.1	1.01	0.77	0.56
2400.1	2430.1	5.91	5.72	5.56	2400.1	2430.1	12.87	15.95	16.39	2400.1	2430.1	0.96	0.70	0.64
2500.1	2530.1	5.91	5.76	5.66	2500.1	2530.1	10.44	12.36	14.78	2500.1	2530.1	0.77	0.46	0.34
2600.1	2630.1	5.94	5.79	5.79	2600.1	2630.1	14.60	18.35	21.27	2600.1	2630.1	0.67	0.42	0.26
2700.1	2730.1	6.18	5.99	5.96	2700.1	2730.1	12.72	14.26	16.15	2700.1	2730.1	0.76	0.50	0.34
2800.1	2830.1	6.43	6.19	6.03	2800.1	2830.1	13.43	13.31	13.59	2800.1	2830.1	0.98	0.71	0.58
2900.1	2930.1	6.63	6.30	6.13	2900.1	2930.1	13.61	14.19	13.76	2900.1	2930.1	1.10	0.83	0.65
3000.1	3030.1	6.98	6.56	6.34	3000.1	3030.1	13.47	14.80	15.56	3000.1	3030.1	1.08	0.94	0.78
3100.1	3130.1	6.87	6.42	6.18	3100.1	3130.1	10.70	11.59	12.75	3100.1	3130.1	1.16	0.98	0.85
3200.1	3230.1	6.94	6.50	6.22	3200.1	3230.1	10.17	10.84	12.36	3200.1	3230.1	0.99	0.76	0.62
3400.1	3430.1	7.03	6.55	6.27	3400.1	3430.1	8.97	10.25	11.51	3400.1	3430.1	1.12	0.99	0.84
3600.1	3630.1	6.88	6.40	6.16	3600.1	3630.1	8.68	8.86	9.17	3600.1	3630.1	1.12	1.00	0.90
3800.1	3830.1	7.03	6.44	6.13	3800.1	3830.1	8.36	9.08	10.16	3800.1	3830.1	0.99	0.77	0.71
4000.1	4030.1	7.26	6.69	6.41	4000.1	4030.1	7.52	9.08	10.61	4000.1	4030.1	0.96	0.71	0.58
4200.1	4230.1	6.99	6.53	6.38	4200.1	4230.1	7.65	12.02	12.97	4200.1	4230.1	1.14	0.78	0.63
4300.1	4330.1	6.86	6.47	6.34	4300.1	4330.1	6.98	10.18	11.37	4300.1	4330.1	1.01	0.74	0.68
4400.1	4430.1	6.64	6.34	6.35	4400.1	4430.1	6.99	10.01	11.47	4400.1	4430.1	0.96	0.64	0.51
4500.1	4530.1	6.38	6.04	6.06	4500.1	4530.1	7.69	10.24	12.20	4500.1	4530.1	1.03	0.71	0.58
4600.1	4630.1	6.35	6.04	6.03	4600.1	4630.1	10.26	11.77	14.34	4600.1	4630.1	0.80	0.42	0.34
4700.1	4730.1	6.69	6.38	6.42	4700.1	4730.1	12.66	15.83	15.87	4700.1	4730.1	1.04	0.69	0.42
4800.1	4830.1	7.33	6.78	6.53	4800.1	4830.1	9.93	10.36	11.26	4800.1	4830.1	1.05	0.90	0.86
4900.1	4930.1	6.83	6.46	6.40	4900.1	4930.1	8.57	9.47	10.51	4900.1	4930.1	1.07	0.93	0.85
5000.1	5030.1	6.80	6.49	6.51	5000.1	5030.1	8.45	9.76	10.80	5000.1	5030.1	0.74	0.57	0.44
5100.1	5130.1	6.50	6.33	6.30	5100.1	5130.1	9.72	10.49	11.74	5100.1	5130.1	0.83	0.57	0.51
5200.1	5230.1	6.58	6.28	6.22	5200.1	5230.1	10.61	10.89	12.05	5200.1	5230.1	0.88	0.65	0.55
5300.1	5330.1	6.42	6.11	6.03	5300.1	5330.1	8.85	9.24	10.40	5300.1	5330.1	1.12	0.92	0.83
5400.1	5430.1	6.16	5.87	5.87	5400.1	5430.1	8.56	9.08	10.18	5400.1	5430.1	1.31	1.12	0.94
5500.1	5530.1	6.28	5.93	5.86	5500.1	5530.1	9.01	9.23	10.31	5500.1	5530.1	0.96	0.81	0.63
5600.1	5630.1	6.37	5.96	5.68	5600.1	5630.1	6.38	7.08	8.09	5600.1	5630.1	1.23	1.11	1.10
5700.1	5730.1	6.49	6.01	5.71	5700.1	5730.1	6.33	6.88	7.93	5700.1	5730.1	1.54	1.37	1.34
5800.1	5830.1	6.60	6.13	5.91	5800.1	5830.1	7.79	8.85	9.17	5800.1	5830.1	1.87	1.40	1.25
5900.1	5930.1	7.16	6.10	5.90	5900.1	5930.1	5.99	9.20	10.33	5900.1	5930.1	2.27	1.88	1.54
6000.1	6030.1	7.95	6.50	6.16	6000.1	6030.1	1.39	6.70	9.55	6000.1	6030.1	2.73	2.12	1.58

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)
		+7			+7			+7
2500.0	1300.1	12.10	10.0	1610.1	6.68	3200.0	2800.1	16.75
2300.0	1500.1	10.55	20.0	1620.1	6.61	3100.0	2900.1	14.75
2100.0	1700.1	9.24	30.0	1630.1	6.62	3000.0	3000.1	12.46
1900.0	1900.1	7.71	40.0	1640.1	6.51	2900.0	3100.1	11.82
1700.0	2100.1	8.80	50.0	1650.1	6.47	2800.0	3200.1	11.59
1500.0	2300.1	8.42	60.0	1660.1	6.45	2700.0	3300.1	11.13
1300.0	2500.1	9.94	70.0	1670.1	6.46	2600.0	3400.1	10.36
1100.0	2700.1	8.98	80.0	1680.1	6.35	2500.0	3500.1	9.87
900.0	2900.1	8.95	90.0	1690.1	6.47	2400.0	3600.1	9.77
700.0	3100.1	7.42	100.0	1700.1	6.37	2300.0	3700.1	9.53
500.0	3300.1	6.54	110.0	1710.1	6.37	2200.0	3800.1	9.05
300.0	3500.1	6.42	200.0	1800.1	6.07	2100.0	3900.1	8.81
160.0	3640.1	6.40	300.0	1900.1	5.94	2000.0	4000.1	8.67
140.0	3660.1	6.37	400.0	2000.1	5.99	1900.0	4100.1	8.75
120.0	3680.1	6.45	500.0	2100.1	5.94	1800.0	4200.1	8.54
100.0	3700.1	6.42	600.0	2200.1	6.12	1700.0	4300.1	8.54
80.0	3720.1	6.45	700.0	2300.1	6.20	1600.0	4400.1	8.71
60.0	3740.1	6.47	800.0	2400.1	6.42	1500.0	4500.1	8.60
40.0	3760.1	6.28	900.0	2500.1	6.88	1400.0	4600.1	8.50
20.0	3780.1	6.28	1000.0	2600.1	7.06	1300.0	4700.1	8.11
10.0	3810.1	6.38	1100.0	2700.1	7.08	1200.0	4800.1	7.73
30.0	3830.1	6.46	1200.0	2800.1	6.83	1100.0	4900.1	7.31
50.0	3850.1	6.39	1300.0	2900.1	6.68	1000.0	5000.1	6.97
70.0	3870.1	6.47	1400.0	3000.1	6.64	900.0	5100.1	6.71
90.0	3890.1	6.47	1500.0	3100.1	7.04	800.0	5200.1	6.23
110.0	3910.1	6.56	1600.0	3200.1	6.99	700.0	5300.1	6.18
130.0	3930.1	6.63	1700.0	3300.1	7.23	600.0	5400.1	6.02
150.0	3950.1	6.61	1800.0	3400.1	7.80	500.0	5500.1	5.83
170.0	3970.1	6.69	1900.0	3500.1	8.24	400.0	5600.1	5.99
300.0	4100.1	6.96	2000.0	3600.1	8.54	300.0	5700.1	6.10
500.0	4300.1	6.79	2100.0	3700.1	8.43	200.0	5800.1	6.54
700.0	4500.1	6.66	2200.0	3800.1	8.76	180.0	5820.1	6.54
900.0	4700.1	7.15	2300.0	3900.1	8.73	160.0	5840.1	6.54
1100.0	4900.1	8.29	2400.0	4000.1	8.89	140.0	5860.1	6.57
1300.0	5100.1	8.83	2500.0	4100.1	9.15	120.0	5880.1	6.50
1500.0	5300.1	8.58	2600.0	4200.1	9.75	100.0	5900.1	6.45
1700.0	5500.1	8.26	2700.0	4300.1	10.60	80.0	5920.1	6.41
1900.0	5700.1	9.11	2800.0	4400.1	11.68	60.0	5940.1	6.50
2100.0	5900.1	9.92	2900.0	4500.1	12.96	40.0	5960.1	6.27
2300.0	6100.1	11.36	3000.0	4600.1	14.41	20.0	5980.1	6.28

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
1630.1	32.88	32.13	32.05	16.22	18.23	20.14
1730.1	35.17	34.38	34.06	16.79	18.77	20.51
1830.1	39.61	38.09	36.90	17.63	19.49	20.83
1930.1	48.54	45.34	43.01	18.38	19.75	20.34
2030.1	41.11	38.30	36.84	18.50	19.20	19.11
2130.1	38.31	35.08	32.47	18.33	18.67	18.30
2230.1	36.32	34.10	32.22	19.18	18.79	17.96
2330.1	35.52	33.55	31.81	19.19	18.25	17.33
2430.1	36.91	34.63	32.80	19.02	17.97	17.12
2530.1	38.80	35.91	33.62	18.97	17.83	16.99
2630.1	35.34	33.62	32.49	19.16	17.98	17.17
2730.1	38.27	36.59	35.38	19.21	18.14	17.39
2830.1	41.02	39.53	38.25	19.15	18.25	17.60
2930.1	36.18	35.85	35.60	18.97	18.38	17.91
3030.1	35.10	34.97	34.77	18.36	18.20	17.97
3130.1	34.74	34.39	33.93	17.61	18.00	18.19
3230.1	35.71	35.50	34.86	16.95	17.93	18.69
3430.1	34.79	34.39	33.98	15.13	17.03	18.90
3630.1	37.12	34.52	32.49	13.95	15.19	15.90
3830.1	42.09	35.57	32.09	15.08	14.69	13.94
4030.1	46.87	36.47	32.43	16.47	14.66	13.36
4230.1	39.95	48.40	37.02	18.47	15.53	13.83
4330.1	40.64	40.97	36.09	19.82	16.55	14.58
4430.1	36.84	36.32	33.44	20.66	17.35	15.30
4530.1	34.98	34.35	31.51	20.67	17.76	15.84
4630.1	34.17	31.05	28.23	20.92	18.37	16.59
4730.1	34.23	33.32	30.83	21.34	19.15	17.54
4830.1	30.36	32.75	33.47	21.50	19.89	18.68
4930.1	28.31	29.75	30.40	21.55	20.77	20.13
5030.1	26.67	27.40	27.63	21.29	21.32	21.56
5130.1	25.22	25.75	25.68	21.15	21.67	22.42
5230.1	24.57	25.42	25.63	20.51	21.42	22.21
5330.1	23.03	24.03	24.67	19.77	20.76	21.55
5430.1	22.08	23.01	23.59	18.40	19.47	20.72
5530.1	22.19	23.36	24.09	16.42	18.26	20.28
5630.1	21.81	23.24	24.33	13.64	15.67	17.93
5730.1	21.66	22.89	23.80	12.10	14.29	16.68
5830.1	22.60	23.71	24.46	11.57	13.76	16.14
5930.1	23.82	24.86	25.54	11.43	13.42	15.59
6030.1	24.48	25.66	26.39	11.28	13.06	14.86

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
1600.1	1630.1	13.11	11.91	11.11
1700.1	1730.1	14.64	13.53	12.84
1800.1	1830.1	17.59	16.31	15.47
1900.1	1930.1	21.07	19.98	19.11
2000.1	2030.1	22.29	22.24	21.92
2100.1	2130.1	24.04	23.74	22.68
2200.1	2230.1	23.51	22.23	21.04
2300.1	2330.1	22.99	21.59	20.62
2400.1	2430.1	21.59	20.60	19.81
2500.1	2530.1	19.77	18.92	18.33
2600.1	2630.1	19.00	18.45	17.96
2700.1	2730.1	19.26	18.72	18.40
2800.1	2830.1	20.28	19.90	19.56
2900.1	2930.1	22.35	21.84	21.42
3000.1	3030.1	23.68	23.37	22.95
3100.1	3130.1	21.41	21.29	21.08
3200.1	3230.1	20.33	20.37	20.33
3400.1	3430.1	20.91	21.12	21.27
3600.1	3630.1	30.63	30.38	30.12
3800.1	3830.1	18.76	18.65	18.51
4000.1	4030.1	14.56	14.38	14.31
4200.1	4230.1	13.45	13.23	12.95
4300.1	4330.1	13.46	13.11	12.77
4400.1	4430.1	13.99	13.65	13.39
4500.1	4530.1	14.21	14.07	13.82
4600.1	4630.1	14.35	14.25	14.09
4700.1	4730.1	15.05	14.85	14.77
4800.1	4830.1	14.73	14.42	14.20
4900.1	4930.1	14.41	14.12	13.93
5000.1	5030.1	14.41	14.10	13.93
5100.1	5130.1	14.73	14.48	14.36
5200.1	5230.1	15.03	14.90	14.91
5300.1	5330.1	15.61	15.52	15.55
5400.1	5430.1	14.60	14.16	13.89
5500.1	5530.1	15.13	14.74	14.55
5600.1	5630.1	18.39	18.06	17.94
5700.1	5730.1	19.52	19.27	19.06
5800.1	5830.1	22.26	21.46	20.87
5900.1	5930.1	24.68	22.92	22.37
6000.1	6030.1	24.93	23.34	22.14

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)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
1600.1	1630.1	2.61	2.32	2.13	1630.1	3.92	4.06	4.75	10.1	1.18	1.23	1.25
1700.1	1730.1	2.77	2.58	2.43	1730.1	2.80	3.18	3.92	15.1	1.49	1.19	1.15
1800.1	1830.1	2.97	2.78	2.67	1830.1	2.14	2.61	3.34	20.1	1.44	1.13	1.15
1900.1	1930.1	3.05	2.90	2.81	1930.1	1.71	2.21	2.91	25.1	1.37	1.15	1.09
2000.1	2030.1	3.05	2.84	2.70	2030.1	1.54	2.04	2.70	30.1	1.41	1.11	1.16
2100.1	2130.1	3.09	2.81	2.62	2130.1	1.54	2.00	2.62	35.1	1.37	1.12	1.12
2200.1	2230.1	2.78	2.52	2.36	2230.1	1.62	2.01	2.60	40.1	1.47	1.15	1.13
2300.1	2330.1	2.72	2.45	2.27	2330.1	1.55	1.98	2.60	45.1	1.42	1.13	1.11
2400.1	2430.1	2.53	2.31	2.16	2430.1	1.62	2.07	2.69	50.1	1.48	1.17	1.15
2500.1	2530.1	2.14	1.93	1.80	2530.1	1.65	2.12	2.77	55.1	1.44	1.15	1.17
2600.1	2630.1	1.97	1.80	1.69	2630.1	1.56	2.10	2.81	60.1	1.46	1.18	1.17
2700.1	2730.1	2.23	2.05	1.93	2730.1	1.52	2.14	2.89	65.1	1.46	1.16	1.15
2800.1	2830.1	2.62	2.44	2.30	2830.1	1.56	2.22	3.00	70.1	1.43	1.18	1.15
2900.1	2930.1	3.00	2.78	2.60	2930.1	1.64	2.31	3.10	75.1	1.50	1.17	1.14
3000.1	3030.1	3.21	3.03	2.87	3030.1	1.75	2.40	3.19	80.1	1.49	1.16	1.15
3100.1	3130.1	3.09	2.85	2.68	3130.1	1.88	2.50	3.27	85.1	1.46	1.19	1.17
3200.1	3230.1	2.92	2.64	2.43	3230.1	2.02	2.59	3.34	90.1	1.48	1.23	1.20
3400.1	3430.1	2.86	2.64	2.48	3430.1	2.31	2.74	3.38	95.1	1.49	1.24	1.22
3600.1	3630.1	2.81	2.51	2.30	3630.1	2.69	2.90	3.35	100.1	1.53	1.27	1.26
3800.1	3830.1	2.75	2.40	2.19	3830.1	3.02	2.96	3.20	110.1	1.54	1.30	1.28
4000.1	4030.1	2.62	2.38	2.20	4030.1	3.24	3.01	3.15	120.1	1.53	1.30	1.32
4200.1	4230.1	2.31	2.08	1.97	4230.1	3.19	2.60	2.63	200.1	1.69	1.51	1.51
4300.1	4330.1	2.24	1.99	1.86	4330.1	3.56	2.74	2.63	300.1	1.94	1.75	1.73
4400.1	4430.1	2.21	1.92	1.79	4430.1	3.56	2.61	2.43	400.1	2.21	1.97	1.95
4500.1	4530.1	2.19	1.87	1.74	4530.1	3.64	2.58	2.29	500.1	2.45	2.18	2.14
4600.1	4630.1	1.98	1.64	1.51	4630.1	3.40	2.37	2.04	600.1	2.73	2.37	2.31
4700.1	4730.1	2.09	1.74	1.58	4730.1	3.14	2.12	1.77	700.1	3.04	2.54	2.41
4800.1	4830.1	2.75	2.36	2.15	4830.1	2.79	1.85	1.51	800.1	3.36	2.71	2.50
4900.1	4930.1	2.58	2.23	2.05	4930.1	2.40	1.58	1.29	900.1	3.58	2.81	2.56
5000.1	5030.1	2.29	1.99	1.85	5030.1	2.02	1.32	1.18	1000.1	3.79	2.96	2.66
5100.1	5130.1	2.06	1.79	1.66	5130.1	1.66	1.11	1.29	1100.1	3.99	3.07	2.73
5200.1	5230.1	1.96	1.71	1.57	5230.1	1.34	1.10	1.51	1200.1	4.18	3.17	2.78
5300.1	5330.1	1.93	1.70	1.56	5330.1	1.10	1.33	1.80	1300.1	4.32	3.22	2.78
5400.1	5430.1	1.83	1.63	1.50	5430.1	1.22	1.62	2.14	1400.1	4.40	3.31	2.83
5500.1	5530.1	1.68	1.48	1.36	5530.1	1.53	1.95	2.50	1500.1	4.45	3.36	2.90
5600.1	5630.1	1.65	1.48	1.37	5630.1	1.96	2.37	2.93	1600.1	4.50	3.39	2.94
5700.1	5730.1	1.60	1.48	1.41	5730.1	2.54	2.87	3.42	1700.1	4.57	3.42	3.01
5800.1	5830.1	1.69	1.62	1.57	5830.1	3.35	3.49	3.97	1800.1	4.65	3.43	3.07
5900.1	5930.1	1.83	1.81	1.82	5930.1	4.55	4.38	4.62	1900.1	4.61	3.45	3.14
6000.1	6030.1	1.98	1.86	1.94	6030.1	5.95	5.75	5.55	2000.1	4.51	3.52	3.29

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-13.39	17.74	22.52	28.06	12.59	66.69	---	---	---	---
1	---	11.84	---	34.15	19.07	45.64	31.37	52.70	70.66	---	---	---
2	123.23	52.01	46.04	52.78	47.82	54.53	68.15	52.39	48.70	85.34	---	---
3	134.73	70.06	62.11	79.54	63.53	67.30	85.70	77.07	76.11	74.19	108.25	---
4	127.00	86.26	106.55	91.24	89.62	93.48	85.92	86.97	105.48	81.93	82.77	108.53
5	127.02	97.42	109.30	104.47	100.91	99.55	100.59	94.13	106.20	102.05	102.78	97.21
6	139.07	113.18	99.90	104.98	101.77	103.43	88.22	95.84	85.62	108.81	106.06	107.13
7	---	---	109.73	98.75	109.27	104.03	101.56	89.37	98.15	84.90	105.64	101.07
8	---	---	---	106.43	101.57	101.78	104.47	101.11	107.24	99.13	110.37	106.16
9	---	---	---	---	108.04	101.50	101.87	112.99	107.06	101.85	106.86	106.09
10	---	---	---	---	---	109.89	99.53	104.07	108.12	104.84	107.48	107.69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; -14.00 dBm
LO IN: 3830.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.40 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	---	-3.39	28.28	33.40	46.60	25.60	87.29	---	---	---	---
1	-	11.87	---	38.24	19.22	46.59	32.28	58.10	76.01	---	---	---
2	109.38	41.41	35.90	44.07	39.23	48.69	59.50	49.10	43.95	90.64	---	---
3	138.03	49.87	41.93	60.12	42.97	49.15	54.55	60.74	57.16	67.52	91.53	---
4	136.16	61.02	80.73	63.54	62.26	60.11	59.60	60.49	89.29	58.96	61.61	91.15
5	127.75	77.95	78.43	75.72	69.72	89.16	57.50	67.82	67.68	77.18	69.62	72.82
6	130.26	109.47	80.23	79.28	92.40	81.80	78.75	79.36	74.89	75.72	95.91	70.81
7	---	---	121.78	93.02	94.03	87.80	87.74	95.79	74.28	80.82	81.37	91.29
8	---	---	---	109.42	99.31	91.60	101.42	91.00	95.19	90.01	87.95	87.17
9	---	---	---	---	116.79	96.54	114.07	104.37	103.23	101.21	88.61	92.54
10	---	---	---	---	---	110.28	102.08	101.50	106.39	103.59	104.12	102.88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; -4.00 dBm
LO IN: 3830.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.49 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