Frequency Mixer MAC-42+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+4	+7	+10
1000.1	1030.1	6.54	5.82	5.45
1050.1	1080.1	6.52	5.85	5.55
1100.1	1130.1	6.52	5.96	5.63
1150.1	1180.1	6.34	5.96	5.79
1200.1	1230.1	6.18	5.90	5.75
1250.1	1280.1	6.15	5.90	5.81
1300.1	1330.1	5.95	5.76	5.72
1350.1	1380.1	5.91	5.76	5.75
1400.1	1430.1	5.81	5.58	5.57
1450.1	1480.1	5.94	5.70	5.66
1500.1	1530.1	6.01	5.72	5.64
1550.1	1580.1	6.32	5.97	5.83
1600.1	1630.1	6.23	5.91	5.81
1700.1	1730.1	6.38	6.07	5.94
1800.1	1830.1	6.18	5.96	5.90
1900.1	1930.1	6.08	5.86	5.83
2000.1	2030.1	6.23	6.11	5.93
2100.1	2130.1	6.23	6.04	5.98
2200.1	2230.1	6.63	6.10	6.04
2300.1	2330.1	6.63	6.14	5.82
2400.1	2430.1	6.04	5.57	5.48
2500.1	2530.1	6.74	6.22	5.83
2600.1	2630.1	6.77	6.38	6.11
2700.1	2730.1	6.61	6.16	5.90
2800.1	2830.1	6.34	6.04	5.88
2900.1	2930.1	5.99	5.44	5.31
3000.1	3030.1	5.84	5.36	5.53
3100.1	3130.1	5.60	5.31	5.36
3200.1	3230.1	5.66	5.54	5.41
3300.1	3330.1	5.81	5.56	5.61
3400.1	3430.1	6.07	5.83	5.80
3500.1	3530.1	6.57	6.18	5.90
3600.1	3630.1	6.70	6.04	5.80
3700.1	3730.1	7.24	6.62	6.21
3800.1	3830.1	7.38	6.69	6.27
3900.1	3930.1	7.26	6.53	6.25
3950.1	3980.1	7.71	6.78	6.44
4000.1	4030.1	7.50	6.55	6.29
4100.1	4130.1	7.66	6.64	6.32
4200.1	4230.1	8.05	6.58	6.23

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm) @LO (dBm)		
		+4	+7	+10
1000.1	1030.1	7.98	10.82	12.18
1050.1	1080.1	8.12	10.76	11.68
1100.1	1130.1	6.64	8.15	9.83
1150.1	1180.1	7.21	8.06	8.68
1200.1	1230.1	7.24	8.33	10.16
1250.1	1280.1	9.70	9.73	11.16
1300.1	1330.1	13.00	9.54	10.31
1350.1	1380.1	12.04	11.75	9.61
1400.1	1430.1	11.00	12.34	13.57
1450.1	1480.1	11.24	11.01	13.24
1500.1	1530.1	13.46	12.13	13.03
1550.1	1580.1	17.44	17.26	15.22
1600.1	1630.1	12.11	12.32	14.33
1700.1	1730.1	15.62	17.30	15.72
1800.1	1830.1	10.91	14.50	17.24
1900.1	1930.1	14.64	16.82	18.24
2000.1	2030.1	11.64	12.49	13.19
2100.1	2130.1	10.34	11.24	12.40
2200.1	2230.1	9.69	10.77	11.79
2300.1	2330.1	7.42	7.54	8.55
2400.1	2430.1	7.77	9.61	10.34
2500.1	2530.1	10.48	9.70	10.20
2600.1	2630.1	7.36	7.90	9.66
2700.1	2730.1	6.85	7.64	7.78
2800.1	2830.1	5.34	6.12	6.88
2900.1	2930.1	8.54	12.90	13.54
3000.1	3030.1	10.36	14.01	14.60
3100.1	3130.1	8.81	11.97	14.40
3200.1	3230.1	9.37	12.44	13.79
3300.1	3330.1	10.33	12.76	17.39
3400.1	3430.1	9.30	14.79	16.09
3500.1	3530.1	14.57	13.56	14.07
3600.1	3630.1	10.37	18.08	13.19
3700.1	3730.1	15.57	17.22	15.62
3800.1	3830.1	9.95	12.06	12.20
3900.1	3930.1	8.06	10.05	11.07
3950.1	3980.1	8.38	10.48	11.71
4000.1	4030.1	8.14	9.91	11.59
4100.1	4130.1	7.32	9.13	11.08
4200.1	4230.1	5.79	7.52	10.00

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB) @LO (dBm)		
		+4	+7	+10
1000.1	1030.1	2.56	2.40	2.16
1050.1	1080.1	2.36	2.22	1.91
1100.1	1130.1	2.05	1.92	1.68
1150.1	1180.1	1.84	1.66	1.40
1200.1	1230.1	1.77	1.54	1.35
1250.1	1280.1	1.51	1.30	1.11
1300.1	1330.1	1.39	1.16	0.99
1350.1	1380.1	1.30	1.05	0.85
1400.1	1430.1	1.24	1.06	0.84
1450.1	1480.1	1.16	0.99	0.80
1500.1	1530.1	1.15	1.00	0.81
1550.1	1580.1	0.94	0.81	0.64
1600.1	1630.1	0.98	0.78	0.58
1700.1	1730.1	0.99	0.82	0.63
1800.1	1830.1	1.08	0.75	0.55
1900.1	1930.1	1.02	0.77	0.57
2000.1	2030.1	1.08	0.67	0.58
2100.1	2130.1	1.28	0.86	0.58
2200.1	2230.1	1.33	1.09	0.71
2300.1	2330.1	1.60	1.27	1.07
2400.1	2430.1	1.56	1.18	0.94
2500.1	2530.1	1.43	1.10	0.93
2600.1	2630.1	1.56	1.17	1.04
2700.1	2730.1	1.52	1.28	1.17
2800.1	2830.1	1.63	1.19	0.94
2900.1	2930.1	1.65	1.21	1.02
3000.1	3030.1	1.13	0.82	0.46
3100.1	3130.1	1.20	0.75	0.57
3200.1	3230.1	1.14	0.48	0.47
3300.1	3330.1	1.04	0.43	0.19
3400.1	3430.1	1.40	0.85	0.55
3500.1	3530.1	1.21	0.82	0.75
3600.1	3630.1	1.18	0.91	0.67
3700.1	3730.1	1.00	0.80	0.77
3800.1	3830.1	0.96	0.74	0.70
3900.1	3930.1	1.13	0.89	0.73
3950.1	3980.1	0.98	0.85	0.72
4000.1	4030.1	1.15	0.96	0.75
4100.1	4130.1	1.30	1.07	0.91
4200.1	4230.1	1.20	1.07	0.93

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2600.1MHz (dB)
		@LO (dBm)
		+7
1900.0	700.1	14.72
1700.0	900.1	10.04
1500.0	1100.1	9.00
1300.0	1300.1	5.99
1100.0	1500.1	6.38
900.0	1700.1	7.95
700.0	1900.1	6.76
500.0	2100.1	6.39
300.0	2300.1	5.80
230.0	2370.1	6.03
210.0	2390.1	6.13
190.0	2410.1	6.28
170.0	2430.1	6.36
150.0	2450.1	6.34
130.0	2470.1	6.43
110.0	2490.1	6.43
90.0	2510.1	6.52
70.0	2530.1	6.60
50.0	2550.1	6.61
30.0	2570.1	6.50
20.0	2620.1	6.71
40.0	2640.1	6.64
60.0	2660.1	6.62
80.0	2680.1	6.66
100.0	2700.1	6.65
120.0	2720.1	6.73
140.0	2740.1	6.63
160.0	2760.1	6.69
180.0	2780.1	6.80
200.0	2800.1	6.67
220.0	2820.1	6.73
240.0	2840.1	6.55
400.0	3000.1	6.08
600.0	3200.1	5.73
800.0	3400.1	6.18
1000.0	3600.1	6.64
1200.0	3800.1	6.89
1400.0	4000.1	7.02
1600.0	4200.1	8.28
1800.0	4400.1	12.65

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1000.1MHz (dB)
		@LO (dBm)
		+7
20.0	1020.1	6.22
30.0	1030.1	6.22
40.0	1040.1	6.12
50.0	1050.1	6.08
60.0	1060.1	5.95
70.0	1070.1	5.97
80.0	1080.1	6.00
90.0	1090.1	5.88
100.0	1100.1	6.02
110.0	1110.1	5.92
120.0	1120.1	5.86
130.0	1130.1	6.00
140.0	1140.1	6.04
150.0	1150.1	5.96
160.0	1160.1	6.02
170.0	1170.1	6.05
180.0	1180.1	6.00
190.0	1190.1	6.08
200.0	1200.1	6.05
210.0	1210.1	5.97
220.0	1220.1	6.00
230.0	1230.1	5.98
300.0	1300.1	5.86
400.0	1400.1	5.84
500.0	1500.1	5.61
600.0	1600.1	6.33
700.0	1700.1	6.16
800.0	1800.1	5.92
900.0	1900.1	5.94
1000.0	2000.1	6.15
1100.0	2100.1	6.28
1200.0	2200.1	6.95
1300.0	2300.1	7.11
1400.0	2400.1	7.38
1500.0	2500.1	7.87
1600.0	2600.1	8.43
1700.0	2700.1	9.00
1800.0	2800.1	10.21
1900.0	2900.1	13.58
2000.0	3000.1	17.31

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4200.1MHz (dB)
		@LO (dBm)
		+7
1900.0	2300.1	15.26
1800.0	2400.1	11.70
1700.0	2500.1	9.74
1600.0	2600.1	9.02
1500.0	2700.1	9.05
1400.0	2800.1	8.63
1300.0	2900.1	7.78
1200.0	3000.1	7.63
1100.0	3100.1	7.83
1000.0	3200.1	7.68
900.0	3300.1	7.68
800.0	3400.1	7.55
700.0	3500.1	7.46
600.0	3600.1	7.09
500.0	3700.1	6.92
400.0	3800.1	7.06
300.0	3900.1	6.71
240.0	3960.1	6.79
230.0	3970.1	6.75
220.0	3980.1	6.75
210.0	3990.1	6.80
200.0	4000.1	6.88
190.0	4010.1	6.72
180.0	4020.1	6.75
170.0	4030.1	6.75
160.0	4040.1	6.78
150.0	4050.1	6.88
140.0	4060.1	6.86
130.0	4070.1	6.82
120.0	4080.1	6.74
110.0	4090.1	6.81
100.0	4100.1	6.74
90.0	4110.1	6.77
80.0	4120.1	6.94
70.0	4130.1	6.84
60.0	4140.1	6.89
50.0	4150.1	6.93
40.0	4160.1	6.82
30.0	4170.1	6.83
20.0	4180.1	6.79

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+4	+7	+10	+4	+7	+10
1030.1	33.65	34.41	35.22	19.95	22.17	24.17
1080.1	34.85	35.37	36.07	20.63	23.02	25.12
1130.1	37.20	37.05	37.31	21.32	23.78	25.82
1180.1	39.34	39.26	39.35	22.03	24.32	26.13
1230.1	45.37	44.73	44.15	22.40	24.41	25.71
1280.1	50.27	48.24	46.27	22.94	24.64	25.40
1330.1	49.62	46.70	45.35	23.12	24.25	24.53
1380.1	43.24	40.65	39.27	23.28	23.81	23.65
1430.1	41.04	38.44	36.42	23.20	23.23	22.79
1480.1	40.67	38.21	36.34	23.26	22.97	22.42
1530.1	38.76	36.48	34.53	22.95	22.53	21.91
1580.1	40.89	38.95	37.40	23.65	23.17	22.50
1630.1	39.72	37.99	36.64	24.42	23.37	22.17
1730.1	40.88	39.96	39.35	23.64	22.52	21.66
1830.1	41.20	40.12	39.25	23.35	22.57	22.00
1930.1	39.61	38.95	38.41	23.06	23.11	23.02
2030.1	39.28	38.77	38.36	21.65	23.06	24.20
2130.1	38.98	38.19	37.64	19.66	21.65	23.52
2230.1	40.09	38.37	37.16	18.54	19.65	20.31
2330.1	44.03	40.04	37.50	19.31	19.24	18.86
2430.1	42.38	39.18	36.41	20.44	19.43	18.57
2530.1	39.55	37.82	36.67	21.70	20.18	18.99
2630.1	40.17	40.31	39.05	21.86	20.11	18.98
2730.1	45.36	41.90	38.77	22.99	21.17	19.94
2830.1	45.24	40.90	37.61	23.33	21.50	20.46
2930.1	53.21	52.58	42.39	23.87	22.31	21.61
3030.1	39.85	40.23	38.28	25.92	24.87	24.36
3130.1	39.21	38.59	36.96	26.92	26.66	26.86
3230.1	36.86	35.64	34.00	27.43	27.78	28.50
3330.1	36.22	34.60	32.78	27.40	28.15	29.18
3430.1	36.21	34.22	32.44	27.09	28.23	29.43
3530.1	35.29	33.43	31.88	26.39	27.30	28.09
3630.1	31.56	31.45	30.94	25.08	26.51	28.16
3730.1	30.01	30.07	29.77	23.35	24.88	26.76
3830.1	29.40	29.45	29.31	22.67	24.12	25.87
3930.1	29.14	28.87	28.30	23.34	24.78	26.11
3980.1	30.17	30.03	29.46	23.50	24.84	26.13
4030.1	29.33	29.29	28.80	20.94	22.14	23.61
4130.1	29.11	29.48	29.45	17.48	18.57	20.02
4230.1	29.25	29.35	29.28	15.26	16.07	17.52

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+4	+7	+10
1000.1	1030.1	13.60	12.88	12.35
1050.1	1080.1	15.30	14.44	13.87
1100.1	1130.1	17.53	16.52	15.71
1150.1	1180.1	19.87	18.93	18.26
1200.1	1230.1	22.39	21.38	20.65
1250.1	1280.1	26.45	25.31	24.00
1300.1	1330.1	29.95	29.12	27.94
1350.1	1380.1	29.10	27.70	26.20
1400.1	1430.1	26.36	24.91	23.43
1450.1	1480.1	25.25	24.00	22.68
1500.1	1530.1	23.46	22.17	21.01
1550.1	1580.1	22.83	21.54	20.34
1600.1	1630.1	21.64	20.63	19.93
1700.1	1730.1	22.45	21.57	20.75
1800.1	1830.1	21.78	21.19	20.72
1900.1	1930.1	21.74	21.34	20.89
2000.1	2030.1	21.96	21.45	21.15
2100.1	2130.1	23.91	23.51	23.20
2200.1	2230.1	30.72	30.48	30.46
2300.1	2330.1	29.30	28.86	28.50
2400.1	2430.1	22.60	22.21	21.85
2500.1	2530.1	20.40	19.82	19.58
2600.1	2630.1	17.62	16.98	16.55
2700.1	2730.1	16.75	16.21	15.62
2800.1	2830.1	15.96	15.48	14.80
2900.1	2930.1	15.31	14.67	14.34
3000.1	3030.1	15.51	15.05	14.70
3100.1	3130.1	16.30	16.00	15.81
3200.1	3230.1	17.14	16.89	16.64
3300.1	3330.1	17.96	17.27	16.87
3400.1	3430.1	20.32	19.51	19.16
3500.1	3530.1	32.05	31.12	30.59
3600.1	3630.1	20.52	20.06	19.73
3700.1	3730.1	31.74	32.43	32.76
3800.1	3830.1	23.84	22.68	22.15
3900.1	3930.1	30.88	29.88	30.15
3950.1	3980.1	37.78	39.31	39.95
4000.1	4030.1	33.26	32.15	31.37
4100.1	4130.1	37.10	31.52	28.16
4200.1	4230.1	37.66	36.56	32.24

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+4	+7	+10
1000.1	1030.1	3.00	2.68	2.46
1050.1	1080.1	3.53	3.19	2.97
1100.1	1130.1	3.78	3.50	3.29
1150.1	1180.1	3.87	3.69	3.54
1200.1	1230.1	3.80	3.65	3.53
1250.1	1280.1	3.72	3.53	3.42
1300.1	1330.1	3.68	3.48	3.39
1350.1	1380.1	3.54	3.24	3.06
1400.1	1430.1	3.54	3.20	2.93
1450.1	1480.1	3.71	3.34	3.03
1500.1	1530.1	3.67	3.31	3.01
1550.1	1580.1	3.74	3.33	2.96
1600.1	1630.1	3.58	3.19	2.89
1700.1	1730.1	3.69	3.34	3.03
1800.1	1830.1	3.22	2.96	2.78
1900.1	1930.1	3.03	2.82	2.65
2000.1	2030.1	2.98	2.71	2.51
2100.1	2130.1	2.89	2.62	2.43
2200.1	2230.1	2.99	2.67	2.45
2300.1	2330.1	2.94	2.56	2.26
2400.1	2430.1	2.35	2.03	1.82
2500.1	2530.1	2.71	2.35	2.07
2600.1	2630.1	2.67	2.32	2.10
2700.1	2730.1	2.77	2.43	2.12
2800.1	2830.1	2.67	2.36	2.13
2900.1	2930.1	2.29	1.97	1.88
3000.1	3030.1	2.18	2.01	1.93
3100.1	3130.1	2.23	2.03	1.93
3200.1	3230.1	2.24	2.01	1.90
3300.1	3330.1	2.15	1.84	1.73
3400.1	3430.1	2.36	1.93	1.73
3500.1	3530.1	3.10	2.58	2.29
3600.1	3630.1	3.36	2.84	2.44
3700.1	3730.1	4.07	3.50	3.07
3800.1	3830.1	4.04	3.52	3.13
3900.1	3930.1	3.86	3.35	3.00
3950.1	3980.1	3.92	3.40	3.06
4000.1	4030.1	4.07	3.47	3.13
4100.1	4124.1	3.89	3.31	3.02
4200.1	4216.7	3.85	3.13	2.83

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+4	+7	+10
1030.1	3.47	4.05	4.99
1080.1	2.91	3.58	4.56
1130.1	2.42	3.09	3.99
1180.1	2.02	2.61	3.37
1230.1	1.81	2.37	3.08
1280.1	1.70	2.27	2.99
1330.1	1.63	2.17	2.88
1380.1	1.63	2.17	2.87
1430.1	1.68	2.20	2.85
1480.1	1.73	2.24	2.87
1530.1	1.91	2.47	3.18
1580.1	2.08	2.70	3.49
1630.1	2.23	2.90	3.73
1730.1	2.32	3.05	3.92
1830.1	2.46	3.31	4.33
1930.1	2.44	3.32	4.37
2030.1	2.65	3.44	4.41
2130.1	3.04	3.82	4.84
2230.1	3.20	3.70	4.44
2330.1	3.55	3.93	4.56
2430.1	3.76	4.00	4.57
2530.1	3.64	3.70	4.08
2630.1	3.68	3.58	3.95
2730.1	3.72	3.58	3.82
2830.1	3.30	3.03	3.26
2930.1	3.01	2.56	2.83
3030.1	3.08	2.55	2.64
3130.1	3.44	2.66	2.62
3230.1	3.39	2.58	2.52
3330.1	3.04	2.30	2.24
3430.1	3.10	2.40	2.33
3530.1	2.89	2.33	2.33
3630.1	2.86	2.39	2.41
3730.1	3.14	2.60	2.63
3830.1	3.34	2.78	2.77
3930.1	3.84	3.10	2.99
3980.1	4.49	3.43	3.17
4030.1	4.63	3.53	3.24
4130.1	5.14	3.73	3.28
4230.1	6.35	4.20	3.33

IF (OUT) (MHz)	IF VSWR @LO=4200MHz (:1) @LO (dBm)		
	+4	+7	+10
10.1	1.19	1.20	1.20
20.1	1.30	1.13	1.44
30.1	1.30	1.16	1.40
40.1	1.31	1.11	1.36
50.1	1.35	1.12	1.34
60.1	1.35	1.10	1.32
70.1	1.35	1.11	1.35
80.1	1.40	1.10	1.32
90.1	1.38	1.12	1.33
100.1	1.40	1.16	1.35
110.1	1.39	1.16	1.37
200.1	1.54	1.27	1.39
300.1	1.72	1.34	1.39
400.1	1.94	1.45	1.38
500.1	2.24	1.62	1.43
600.1	2.58	1.84	1.55
700.1	2.92	2.06	1.70
800.1	3.20	2.24	1.84
900.1	3.35	2.32	1.89
1000.1	3.37	2.33	1.91
1100.1	3.34	2.34	1.97
1200.1	3.12	2.26	2.00
1300.1	2.93	2.31	2.22
1400.1	2.95	2.63	2.68
1500.1	2.94	2.97	3.15
1600.1	3.09	3.55	3.90
1700.1	3.68	4.55	5.06
1800.1	4.87	6.02	6.65
1900.1	6.48	7.50	7.98
2000.1	7.20	7.65	7.85
2100.1	5.77	5.89	5.96
2200.1	4.81	4.93	5.03
2300.1	6.08	6.25	6.40
2400.1	7.86	7.89	7.99
2500.1	8.24	7.93	7.91
2600.1	7.38	6.72	6.56
2700.1	6.09	5.21	4.90
2800.1	4.88	3.88	3.48
2900.1	4.03	3.11	2.71
3000.1	3.51	2.77	2.46

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	-7.21	13.09	13.07	33.07	19.11	39.95	30.69	55.29	49.59	60.89
1	---	21.16	---	49.04	14.03	30.42	37.06	40.02	46.13	49.34	63.83	71.29
2	123.00	58.80	61.14	62.01	53.84	62.14	59.90	65.69	59.65	78.40	68.69	74.53
3	124.76	68.57	63.22	77.71	66.17	84.74	74.32	70.41	77.25	83.36	84.09	85.76
4	122.70	100.94	100.85	101.45	103.25	103.03	98.24	92.33	99.65	99.07	101.14	102.51
5	122.85	102.64	103.05	101.61	100.93	102.23	93.97	102.61	101.87	102.06	100.82	100.34
6	122.60	99.31	100.90	102.66	101.61	100.28	103.08	101.77	102.77	101.96	99.94	100.30
7	121.54	98.26	99.09	101.32	96.19	100.38	81.21	103.88	81.01	100.80	89.96	95.32
8	121.30	98.11	97.36	95.34	81.47	73.43	43.95	65.40	79.37	70.16	76.91	83.16
9	118.18	95.14	97.89	98.55	98.87	100.65	92.89	102.61	82.63	103.19	83.42	101.81
10	117.59	95.16	96.23	99.01	96.13	99.81	99.24	101.53	101.60	100.89	100.43	103.14
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150 MHz; -15 dBm.
LO IN: 2180 MHz; +7.00 dBm
IF OUT: 30.00 MHz; -20.90 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	2.50	23.38	23.57	43.82	32.14	55.59	44.65	73.59	64.93	61.93
1	---	20.86	---	50.73	14.04	33.05	35.80	41.29	47.48	53.76	65.18	74.05
2	115.47	47.62	52.25	51.42	44.70	56.73	51.07	60.78	51.00	73.14	60.95	69.17
3	115.10	48.42	41.90	56.78	43.88	64.11	50.59	50.79	61.50	61.00	69.21	66.55
4	114.48	85.49	73.50	78.28	73.96	80.09	66.46	68.22	71.08	70.81	75.45	78.77
5	115.10	75.50	80.66	78.44	73.28	83.21	68.06	85.34	72.48	81.11	71.45	83.35
6	114.17	104.21	103.38	102.59	97.63	91.76	99.36	86.93	90.43	82.36	95.22	86.16
7	111.28	104.72	107.98	105.56	104.20	96.21	88.27	98.78	83.55	103.00	87.78	92.45
8	110.80	106.57	105.20	106.34	108.58	108.56	88.18	101.00	110.74	100.03	107.71	99.64
9	111.96	106.18	104.37	106.37	108.69	109.95	111.71	108.14	106.74	109.04	103.91	109.55
10	109.47	102.88	104.65	105.63	107.06	109.62	108.51	107.32	109.33	108.79	108.41	107.09
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150 MHz; -5 dBm.
LO IN: 2180 MHz; +7.00 dBm
IF OUT: 30.00 MHz; -10.89 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