

High Gain Mixer

MRA-42MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION GAIN IF FIXED @IF(OUT)=30MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 OUTPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+7dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+10	+13	+16			+10	+13	+16			+10	+13	+16
1000.1	1030.1	12.44	12.64	12.73	1000.1	1030.1	26.89	27.01	26.70	1000.1	1030.1	2.60	2.60	2.59
1050.1	1080.1	12.30	12.48	12.54	1050.1	1080.1	26.68	26.98	26.58	1050.1	1080.1	2.38	2.39	2.37
1100.1	1130.1	11.95	12.12	12.22	1100.1	1130.1	25.13	26.00	26.17	1100.1	1130.1	1.98	2.01	2.07
1150.1	1180.1	11.86	11.93	11.94	1150.1	1180.1	24.87	25.20	25.38	1150.1	1180.1	1.76	1.76	1.78
1200.1	1230.1	11.76	11.74	11.71	1200.1	1230.1	25.57	26.29	26.29	1200.1	1230.1	1.63	1.63	1.64
1250.1	1280.1	11.80	11.73	11.65	1250.1	1280.1	26.01	26.17	26.37	1250.1	1280.1	1.37	1.33	1.34
1300.1	1330.1	11.92	11.78	11.62	1300.1	1330.1	27.33	26.50	26.62	1300.1	1330.1	1.53	1.44	1.42
1350.1	1380.1	12.05	11.90	11.67	1350.1	1380.1	27.71	27.56	27.39	1350.1	1380.1	1.49	1.37	1.28
1400.1	1430.1	12.22	12.17	12.01	1400.1	1430.1	27.65	27.63	28.04	1400.1	1430.1	1.61	1.55	1.48
1450.1	1480.1	12.07	12.07	11.97	1450.1	1480.1	28.90	29.01	29.04	1450.1	1480.1	1.41	1.39	1.35
1500.1	1530.1	11.68	11.78	11.78	1500.1	1530.1	29.37	29.40	29.45	1500.1	1530.1	1.26	1.27	1.26
1550.1	1580.1	11.25	11.43	11.49	1550.1	1580.1	27.45	28.80	28.79	1550.1	1580.1	1.00	1.03	1.05
1600.1	1630.1	11.42	11.47	11.49	1600.1	1630.1	28.35	28.57	28.66	1600.1	1630.1	1.13	1.11	1.12
1650.1	1680.1	11.46	11.52	11.53	1650.1	1680.1	26.82	27.09	27.36	1650.1	1680.1	1.20	1.20	1.19
1700.1	1730.1	11.52	11.57	11.57	1700.1	1730.1	27.37	27.94	28.21	1700.1	1730.1	1.37	1.34	1.32
1800.1	1830.1	11.76	11.74	11.69	1800.1	1830.1	28.40	28.83	28.94	1800.1	1830.1	1.37	1.34	1.34
1900.1	1930.1	12.18	12.12	12.03	1900.1	1930.1	29.14	29.40	29.36	1900.1	1930.1	1.29	1.27	1.30
2000.1	2030.1	12.40	12.24	12.03	2000.1	2030.1	29.68	29.69	29.39	2000.1	2030.1	1.23	1.20	1.25
2100.1	2130.1	12.16	12.00	11.78	2100.1	2130.1	28.46	28.72	28.68	2100.1	2130.1	1.49	1.41	1.50
2200.1	2230.1	11.92	12.10	12.15	2200.1	2230.1	27.48	27.86	28.22	2200.1	2230.1	1.73	1.71	1.69
2300.1	2330.1	12.10	12.27	12.35	2300.1	2330.1	25.62	26.42	27.16	2300.1	2330.1	1.93	1.95	1.94
2400.1	2430.1	12.78	12.83	12.79	2400.1	2430.1	26.43	27.09	27.33	2400.1	2430.1	1.97	2.00	2.01
2500.1	2530.1	12.43	12.60	12.62	2500.1	2530.1	25.45	26.16	26.56	2500.1	2530.1	2.04	2.04	2.07
2600.1	2630.1	12.68	12.69	12.58	2600.1	2630.1	24.83	24.84	24.89	2600.1	2630.1	2.02	2.06	2.15
2700.1	2730.1	12.43	12.53	12.51	2700.1	2730.1	24.47	24.76	24.97	2700.1	2730.1	1.83	1.90	2.03
2800.1	2830.1	12.16	12.16	12.08	2800.1	2830.1	23.90	24.18	24.58	2800.1	2830.1	1.77	1.76	1.73
2900.1	2930.1	12.03	11.96	11.85	2900.1	2930.1	27.40	27.23	26.91	2900.1	2930.1	1.75	1.71	1.69
3000.1	3030.1	12.09	12.03	11.93	3000.1	3030.1	27.86	27.92	27.71	3000.1	3030.1	1.53	1.53	1.54
3100.1	3130.1	12.17	12.03	11.87	3100.1	3130.1	27.28	27.75	27.71	3100.1	3130.1	1.42	1.38	1.41
3200.1	3230.1	12.02	11.86	11.65	3200.1	3230.1	27.68	27.96	27.95	3200.1	3230.1	1.28	1.23	1.22
3300.1	3330.1	12.06	11.84	11.61	3300.1	3330.1	27.89	28.73	28.79	3300.1	3330.1	1.28	1.16	1.14
3400.1	3430.1	12.02	11.82	11.62	3400.1	3430.1	26.41	27.52	27.87	3400.1	3430.1	1.87	1.57	1.43
3500.1	3530.1	10.99	11.07	10.97	3500.1	3530.1	28.61	27.56	27.49	3500.1	3530.1	1.12	1.18	1.23
3600.1	3630.1	11.29	11.41	11.31	3600.1	3630.1	29.21	28.44	27.71	3600.1	3630.1	1.28	1.27	1.30
3700.1	3730.1	10.53	10.74	10.71	3700.1	3730.1	27.74	27.90	27.20	3700.1	3730.1	0.92	1.12	1.23
3800.1	3830.1	10.76	10.80	10.54	3800.1	3830.1	25.41	24.89	24.34	3800.1	3830.1	1.12	1.39	1.66
3900.1	3930.1	10.62	10.66	9.97	3900.1	3930.1	25.37	25.49	20.31	3900.1	3930.1	1.28	1.66	1.72
4000.1	4030.1	10.67	10.62	9.35	4000.1	4030.1	25.80	24.19	18.30	4000.1	4030.1	1.49	1.93	1.76
4100.1	4130.1	10.50	9.17	7.40	4100.1	4130.1	21.03	18.62	18.61	4100.1	4130.1	2.05	1.55	1.11
4200.1	4230.1	9.75	8.65	7.42	4200.1	4230.1	19.56	21.72	20.61	4200.1	4230.1	1.41	1.12	1.04

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION GAIN VS. IF FREQUENCY @RF(IN)=2600.1MHz (dB)
		@LO (dBm)
		+10
1800.0	800.1	-10.78
1710.0	890.1	-7.57
1620.0	980.1	-6.00
1530.0	1070.1	-4.43
1440.0	1160.1	-1.30
1350.0	1250.1	1.50
1260.0	1340.1	4.34
1170.0	1430.1	4.95
1070.0	1530.1	6.04
980.0	1620.1	5.26
890.0	1710.1	5.93
800.0	1800.1	7.43
710.0	1890.1	8.40
600.0	2000.1	8.84
530.0	2070.1	8.80
440.0	2160.1	9.51
340.0	2260.1	10.26
250.0	2350.1	10.40
160.0	2440.1	10.41
70.0	2530.1	11.00
20.0	2620.1	13.64
110.0	2710.1	10.86
200.0	2800.1	10.46
290.0	2890.1	10.38
400.0	3000.1	10.17
470.0	3070.1	9.96
560.0	3160.1	10.14
650.0	3250.1	9.63
750.0	3350.1	8.85
840.0	3440.1	7.92
930.0	3530.1	6.88
1020.0	3620.1	5.92
1110.0	3710.1	4.71
1200.0	3800.1	2.98
1290.0	3890.1	2.00
1400.0	4000.1	0.11
1480.0	4080.1	-2.04
1570.0	4170.1	-6.16
1660.0	4260.1	-9.37
1750.0	4350.1	-12.52

IF (OUT) (MHz)	LO (MHz)	CONVERSION GAIN VS. IF FREQUENCY @RF(IN)=1000.1MHz (dB)
		@LO (dBm)
		+13
20.0	1020.1	13.58
70.0	1070.1	11.53
120.0	1120.1	11.05
170.0	1170.1	10.72
220.0	1220.1	10.71
270.0	1270.1	10.54
320.0	1320.1	10.52
370.0	1370.1	10.25
420.0	1420.1	9.91
470.0	1470.1	9.70
520.0	1520.1	9.41
570.0	1570.1	9.05
620.0	1620.1	8.95
680.0	1680.1	9.07
730.0	1730.1	8.89
780.0	1780.1	8.82
830.0	1830.1	8.54
880.0	1880.1	8.17
930.0	1930.1	7.66
980.0	1980.1	7.01
1030.0	2030.1	6.26
1080.0	2080.1	5.56
1130.0	2130.1	4.66
1180.0	2180.1	3.50
1230.0	2230.1	3.04
1280.0	2280.1	2.14
1340.0	2340.1	1.05
1390.0	2390.1	-0.18
1440.0	2440.1	-1.41
1490.0	2490.1	-2.90
1540.0	2540.1	-4.09
1590.0	2590.1	-5.38
1640.0	2640.1	-5.90
1690.0	2690.1	-7.06
1740.0	2740.1	-7.84
1790.0	2790.1	-9.39
1840.0	2840.1	-11.24
1890.0	2890.1	-13.54
1940.0	2940.1	-14.91
2000.0	3000.1	-16.72

IF (OUT) (MHz)	LO (MHz)	CONVERSION GAIN VS. IF FREQUENCY @RF(IN)=4200.1MHz (dB)
		@LO (dBm)
		+13
1900.0	2300.1	-16.05
1860.0	2340.1	-13.92
1810.0	2390.1	-11.07
1760.0	2440.1	-9.43
1710.0	2490.1	-8.10
1660.0	2540.1	-7.02
1620.0	2580.1	-6.21
1570.0	2630.1	-5.68
1520.0	2680.1	-4.84
1470.0	2730.1	-3.75
1420.0	2780.1	-1.95
1370.0	2830.1	-0.52
1330.0	2870.1	0.95
1280.0	2920.1	2.04
1230.0	2970.1	2.73
1180.0	3020.1	2.98
1130.0	3070.1	3.71
1090.0	3110.1	4.07
1040.0	3160.1	4.81
990.0	3210.1	5.21
940.0	3260.1	5.64
890.0	3310.1	6.16
840.0	3360.1	6.80
800.0	3400.1	7.09
750.0	3450.1	7.71
700.0	3500.1	8.06
650.0	3550.1	8.37
600.0	3600.1	8.39
560.0	3640.1	8.69
510.0	3690.1	9.11
460.0	3740.1	9.44
410.0	3790.1	9.52
360.0	3840.1	10.20
310.0	3890.1	10.25
270.0	3930.1	10.27
200.0	4000.1	10.34
170.0	4030.1	10.13
120.0	4080.1	9.80
70.0	4130.1	8.97
20.0	4180.1	9.92

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LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
1030.1	43.48	41.05	39.74	17.72	18.46	19.30
1080.1	44.34	41.69	40.26	16.83	17.84	18.69
1130.1	43.14	41.50	40.74	16.08	16.96	17.65
1180.1	41.44	39.99	39.55	15.56	16.16	16.64
1230.1	42.90	41.98	41.93	14.98	15.45	15.96
1280.1	41.55	39.85	39.79	14.88	15.69	15.85
1330.1	43.49	41.46	39.88	14.71	15.76	16.13
1380.1	41.99	39.87	37.84	14.99	16.28	16.96
1430.1	41.75	40.93	40.00	14.19	15.52	16.43
1480.1	46.21	44.31	43.01	13.57	14.99	16.25
1530.1	45.90	44.03	42.60	13.97	15.44	16.73
1580.1	48.47	46.25	44.61	15.01	16.53	17.84
1630.1	40.54	39.88	39.31	14.86	16.50	17.95
1680.1	45.30	42.36	40.82	14.82	16.58	18.10
1730.1	45.75	45.02	41.95	14.81	16.28	17.51
1830.1	43.64	42.58	41.02	14.95	16.16	17.13
1930.1	41.23	39.58	38.31	15.17	16.05	16.62
2030.1	39.91	39.20	38.43	15.62	15.84	15.71
2130.1	35.53	37.03	37.78	17.07	16.57	15.19
2230.1	35.00	34.27	33.71	25.57	36.55	26.24
2330.1	38.53	36.19	34.36	20.16	21.90	22.61
2430.1	38.67	35.91	34.49	18.72	19.79	20.41
2530.1	38.29	36.10	34.57	18.22	18.96	19.41
2630.1	35.05	35.46	34.84	17.99	18.56	18.89
2730.1	31.96	32.00	32.18	18.62	19.09	19.30
2830.1	31.24	30.91	30.92	20.17	20.80	20.96
2930.1	27.91	27.71	27.92	21.89	23.60	24.66
3030.1	29.67	28.37	27.63	20.54	22.65	25.07
3130.1	34.90	31.44	29.48	22.14	23.89	25.56
3230.1	38.61	33.09	30.16	27.01	26.58	25.51
3330.1	35.65	31.15	28.52	27.78	25.06	23.08
3430.1	35.49	32.61	30.06	22.84	21.93	20.98
3530.1	35.26	33.91	33.06	18.98	18.96	18.87
3630.1	33.00	31.55	30.12	16.76	17.29	17.46
3730.1	30.51	29.29	27.72	15.96	16.89	17.62
3830.1	30.16	30.46	29.44	16.81	17.43	17.83
3930.1	28.07	28.97	28.29	19.63	20.57	21.78
4030.1	27.19	27.63	27.06	17.09	18.21	19.62
4130.1	26.18	26.64	26.69	16.21	16.99	17.83
4230.1	26.24	26.38	26.71	15.65	15.17	15.55

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
1000.1	1030.1	0.57	0.01	-0.37
1050.1	1080.1	1.92	1.23	0.76
1100.1	1130.1	4.25	3.34	2.67
1150.1	1180.1	7.39	6.52	5.81
1200.1	1230.1	9.99	8.77	7.94
1250.1	1280.1	12.74	11.40	10.11
1300.1	1330.1	12.65	11.27	10.12
1350.1	1380.1	11.81	10.36	9.28
1400.1	1430.1	11.01	10.00	9.12
1450.1	1480.1	11.78	10.93	10.15
1500.1	1530.1	13.32	12.50	11.73
1550.1	1580.1	16.04	15.25	14.43
1600.1	1630.1	18.21	17.67	17.02
1650.1	1680.1	19.74	19.18	18.49
1700.1	1730.1	20.56	19.88	19.11
1800.1	1830.1	20.36	19.86	19.29
1900.1	1930.1	20.49	19.97	19.25
2000.1	2030.1	20.43	19.96	19.20
2100.1	2130.1	22.47	22.05	20.52
2200.1	2230.1	32.20	33.83	32.09
2300.1	2330.1	35.03	31.90	28.94
2400.1	2430.1	28.61	26.62	24.56
2500.1	2530.1	25.93	24.35	22.44
2600.1	2630.1	23.79	22.94	21.56
2700.1	2730.1	21.27	20.59	19.76
2800.1	2830.1	18.77	18.27	17.72
2900.1	2930.1	15.76	15.79	16.04
3000.1	3030.1	16.43	16.54	16.70
3100.1	3130.1	18.08	18.07	17.96
3200.1	3230.1	19.54	19.19	18.69
3300.1	3330.1	19.35	18.70	17.95
3400.1	3430.1	19.39	18.60	17.78
3500.1	3530.1	31.30	29.13	26.43
3600.1	3630.1	21.38	20.00	18.86
3700.1	3730.1	25.01	23.62	22.46
3800.1	3830.1	25.85	23.12	21.54
3900.1	3930.1	30.34	28.52	27.38
4000.1	4030.1	28.91	27.89	27.32
4100.1	4130.1	27.33	27.85	26.27
4200.1	4230.1	27.50	26.89	25.04

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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=4200MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
1000.1	1030.1	2.34	2.33	2.33	1030.1	2.60	3.18	4.06	10.1	1.35	1.47	1.29
1050.1	1080.1	2.31	2.29	2.29	1080.1	2.09	2.73	3.59	30.1	1.19	1.25	1.22
1100.1	1130.1	2.33	2.32	2.31	1130.1	1.77	2.41	3.23	50.1	1.25	1.26	1.27
1150.1	1180.1	2.43	2.42	2.42	1180.1	1.58	2.20	2.97	70.1	1.25	1.27	1.27
1200.1	1230.1	2.43	2.42	2.42	1230.1	1.46	2.04	2.78	90.1	1.27	1.28	1.29
1250.1	1280.1	2.45	2.44	2.44	1280.1	1.43	1.98	2.69	110.1	1.33	1.32	1.32
1300.1	1330.1	2.43	2.42	2.42	1330.1	1.45	2.00	2.72	130.1	1.36	1.35	1.35
1350.1	1380.1	2.37	2.36	2.35	1380.1	1.53	2.07	2.79	150.1	1.40	1.39	1.40
1400.1	1430.1	2.10	2.10	2.10	1430.1	1.62	2.21	2.98	170.1	1.46	1.45	1.46
1450.1	1480.1	1.81	1.81	1.81	1480.1	1.70	2.32	3.11	190.1	1.52	1.52	1.51
1500.1	1530.1	1.64	1.64	1.65	1530.1	1.90	2.58	3.45	210.1	1.58	1.58	1.58
1550.1	1580.1	1.62	1.63	1.63	1580.1	2.03	2.73	3.59	230.1	1.65	1.65	1.64
1600.1	1630.1	1.58	1.58	1.58	1630.1	2.01	2.78	3.75	250.1	1.71	1.72	1.70
1650.1	1680.1	1.47	1.47	1.47	1680.1	2.03	2.86	3.86	270.1	1.78	1.78	1.77
1700.1	1730.1	1.42	1.42	1.42	1730.1	2.19	3.08	4.12	290.1	1.83	1.84	1.82
1800.1	1830.1	1.35	1.35	1.35	1830.1	2.28	3.18	4.28	310.1	1.87	1.87	1.86
1900.1	1930.1	1.30	1.29	1.29	1930.1	2.61	3.43	4.46	330.1	1.91	1.91	1.90
2000.1	2030.1	1.30	1.29	1.30	2030.1	3.34	3.87	4.71	350.1	1.96	1.97	1.95
2100.1	2130.1	1.43	1.43	1.44	2130.1	4.03	4.28	4.87	370.1	1.98	1.99	1.98
2200.1	2230.1	1.56	1.55	1.56	2230.1	4.40	4.50	5.00	390.1	1.99	2.00	1.99
2300.1	2330.1	1.69	1.68	1.68	2330.1	4.82	4.57	4.89	410.1	1.98	1.99	1.98
2400.1	2430.1	1.86	1.85	1.85	2430.1	5.18	4.50	4.62	430.1	1.99	1.99	1.97
2500.1	2530.1	2.01	2.00	2.00	2530.1	5.13	4.27	4.28	450.1	1.96	1.97	1.95
2600.1	2630.1	2.13	2.12	2.12	2630.1	5.33	4.13	3.98	470.1	1.93	1.93	1.92
2700.1	2730.1	2.31	2.30	2.30	2730.1	4.73	3.59	3.54	490.1	1.88	1.88	1.86
2800.1	2830.1	2.51	2.50	2.50	2830.1	4.06	2.83	2.75	510.1	1.82	1.82	1.81
2900.1	2930.1	2.45	2.45	2.44	2930.1	3.80	2.62	2.58	530.1	1.76	1.76	1.74
3000.1	3030.1	2.60	2.60	2.60	3030.1	4.30	2.85	2.67	550.1	1.69	1.68	1.67
3100.1	3130.1	2.90	2.90	2.90	3130.1	4.49	3.02	2.78	570.1	1.61	1.61	1.60
3200.1	3230.1	2.87	2.86	2.86	3230.1	4.75	3.21	2.93	590.1	1.55	1.54	1.53
3300.1	3330.1	2.41	2.41	2.41	3330.1	5.30	3.54	3.04	610.1	1.46	1.46	1.45
3400.1	3430.1	2.22	2.22	2.22	3430.1	5.96	3.92	3.34	630.1	1.40	1.39	1.39
3500.1	3530.1	2.37	2.37	2.36	3530.1	6.75	4.30	3.52	650.1	1.33	1.33	1.32
3600.1	3630.1	1.90	1.90	1.89	3630.1	7.61	4.61	3.61	670.1	1.27	1.27	1.26
3700.1	3730.1	2.10	2.10	2.10	3730.1	8.24	4.92	3.62	690.1	1.21	1.20	1.20
3800.1	3830.1	2.08	2.08	2.08	3830.1	8.40	5.03	3.58	710.1	1.16	1.15	1.14
3900.1	3930.1	1.87	1.87	1.87	3930.1	8.82	5.08	3.49	730.1	1.12	1.12	1.11
4000.1	4030.1	1.85	1.85	1.85	4030.1	8.16	4.60	3.12	750.1	1.11	1.10	1.09
4100.1	4130.1	1.86	1.88	1.88	4130.1	6.78	3.97	2.62	770.1	1.12	1.11	1.10
4200.1	4230.1	1.74	1.76	1.77	4230.1	5.22	3.55	2.48	800.1	1.16	1.15	1.15

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	12.38	55.39	65.99	68.43	49.98	85.28	63.94	98.60	76.73	94.26
1	---	37.19	---	42.80	52.72	84.40	79.32	75.58	91.09	84.40	103.75	97.92
2	95.59	69.31	59.56	40.62	68.27	75.83	102.09	105.57	82.65	89.68	83.10	99.56
3	93.02	91.45	73.10	74.98	54.57	78.96	92.62	108.96	103.98	106.53	110.49	105.83
4	96.17	114.57	112.38	114.45	93.21	72.04	109.69	102.95	118.78	115.09	108.51	107.41
5	93.62	122.99	113.02	120.66	114.22	113.14	79.25	112.35	112.83	118.74	112.32	114.32
6	91.56	114.31	114.40	117.11	119.42	117.30	123.22	109.54	115.27	116.93	118.69	117.77
7	88.04	109.96	115.53	114.36	121.79	119.18	119.07	118.97	106.92	120.85	113.52	121.60
8	98.29	122.42	110.20	110.17	113.61	115.68	118.73	112.94	118.81	117.08	117.02	113.42
9	97.93	116.06	127.14	107.58	111.38	114.00	117.18	119.23	116.75	120.14	114.50	117.87
10	99.37	118.91	120.16	116.99	110.18	112.75	112.71	119.71	117.03	115.78	118.96	123.09
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2600.1 MHz; -5 dBm.
 LO IN: 2630.1 MHz; +13.00 dBm
 IF OUT: 30 MHz; 7.94 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	21.76	63.40	78.82	85.01	64.55	89.72	78.59	103.91	92.00	107.08
1	---	34.18	---	37.83	52.28	81.03	80.07	83.11	90.20	95.11	113.60	111.51
2	78.16	58.50	44.63	27.52	47.48	69.68	86.46	93.20	82.93	91.02	85.03	107.37
3	98.45	72.35	53.56	51.17	32.45	50.21	74.98	93.68	97.48	95.81	103.66	93.27
4	94.36	85.16	83.72	81.67	56.39	61.24	54.12	79.22	97.96	106.98	97.76	95.44
5	92.37	96.80	84.81	90.32	72.20	70.76	46.59	59.39	78.11	105.10	96.84	120.91
6	90.86	109.44	104.36	97.49	92.43	87.26	65.69	55.33	61.31	83.72	105.78	107.50
7	88.69	100.03	100.34	101.76	98.18	108.79	88.55	83.69	60.37	67.27	84.90	109.07
8	103.82	132.42	113.28	112.36	101.13	107.80	102.50	94.61	74.50	65.12	69.83	90.33
9	98.32	124.07	129.80	107.23	109.12	108.39	110.02	115.99	113.22	83.76	74.69	77.87
10	106.95	122.08	121.37	127.17	116.89	117.73	104.38	116.41	112.37	109.52	83.05	98.10
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2600.1 MHz; +5 dBm.
 LO IN: 2630.1 MHz; +13.00 dBm
 IF OUT: 30 MHz; 16.86 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