

Frequency Mixer

LAVI-ED13677/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+19	+21	+23
90.0	120.0	12.15	11.99	11.62
150.0	180.0	9.62	9.55	9.42
230.0	260.0	7.65	7.55	7.44
290.0	320.0	7.51	7.39	7.29
370.0	400.0	7.24	7.15	7.07
450.0	480.0	7.06	6.98	6.91
510.0	540.0	7.04	6.96	6.87
590.0	620.0	7.12	7.01	6.94
670.0	700.0	7.17	7.06	6.99
730.0	760.0	7.18	7.06	6.99
810.0	840.0	7.21	7.10	7.01
890.0	920.0	7.23	7.12	7.04
950.0	980.0	7.25	7.13	7.04
1030.0	1060.0	7.37	7.23	7.15
1090.0	1120.0	7.17	7.04	6.94
1170.0	1200.0	7.07	6.97	6.88
1250.0	1280.0	7.04	6.94	6.85
1280.0	1310.0	7.02	6.92	6.86
1320.0	1350.0	7.03	6.95	6.90
1370.0	1400.0	7.03	6.94	6.89
1445.0	1475.0	7.04	6.95	6.91
1545.0	1575.0	7.17	7.10	7.07
1645.0	1675.0	7.37	7.32	7.27
1720.0	1750.0	7.43	7.36	7.32
1820.0	1850.0	7.58	7.50	7.43
1945.0	1975.0	7.82	7.69	7.60
2020.0	2050.0	7.91	7.76	7.66
2120.0	2150.0	8.22	8.04	7.89
2195.0	2225.0	8.36	8.16	8.02
2295.0	2325.0	8.78	8.55	8.39
2395.0	2425.0	9.20	8.98	8.77
2470.0	2500.0	9.47	9.24	9.05
2570.0	2600.0	9.75	9.48	9.30
2670.0	2700.0	10.05	9.75	9.53
2745.0	2775.0	10.52	10.19	9.97
2845.0	2875.0	11.16	10.86	10.60
2945.0	2975.0	11.46	11.11	10.82
3020.0	3050.0	11.38	11.06	10.78
3120.0	3150.0	11.47	11.20	10.98
3220.0	3250.0	11.69	11.44	11.26

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)		
		@LO (dBm)		
		+19	+21	+23
90.0	120.0	20.18	21.33	22.67
150.0	180.0	23.15	24.78	26.17
230.0	260.0	25.56	26.62	28.31
290.0	320.0	25.36	26.95	28.34
370.0	400.0	25.76	27.75	28.89
450.0	480.0	26.81	27.82	29.12
510.0	540.0	26.86	28.21	29.59
590.0	620.0	27.09	28.57	30.13
670.0	700.0	26.97	28.83	30.63
730.0	760.0	27.16	29.66	30.91
810.0	840.0	27.44	30.09	31.19
890.0	920.0	28.21	29.89	33.75
950.0	980.0	28.42	30.01	31.97
1030.0	1060.0	27.33	29.37	31.86
1090.0	1120.0	28.02	31.23	34.03
1170.0	1200.0	25.61	28.13	30.72
1250.0	1280.0	26.21	28.84	33.85
1280.0	1310.0	26.62	29.57	32.54
1320.0	1350.0	27.57	31.03	34.99
1370.0	1400.0	27.97	31.84	35.37
1445.0	1475.0	29.96	32.27	35.29
1545.0	1575.0	29.15	31.69	34.04
1645.0	1675.0	30.03	30.94	34.05
1720.0	1750.0	29.23	32.77	35.59
1820.0	1850.0	28.45	30.82	33.64
1945.0	1975.0	24.97	26.46	28.74
2020.0	2050.0	23.47	24.80	26.72
2120.0	2150.0	22.37	23.81	25.28
2195.0	2225.0	21.60	23.18	24.62
2295.0	2325.0	20.87	22.77	24.34
2395.0	2425.0	19.83	22.03	24.26
2470.0	2500.0	18.69	20.65	22.96
2570.0	2600.0	17.68	19.48	21.26
2670.0	2700.0	17.67	19.43	21.14
2745.0	2775.0	18.45	20.26	22.10
2845.0	2875.0	20.33	22.22	24.21
2945.0	2975.0	21.08	22.85	24.82
3020.0	3050.0	20.92	22.99	25.09
3120.0	3150.0	22.23	24.30	26.48
3220.0	3250.0	22.73	25.39	27.88

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+11dBm (dB)		
		@LO (dBm)		
		+19	+21	+23
90.0	120.0	0.78	0.64	0.30
150.0	180.0	0.24	0.15	0.10
230.0	260.0	0.20	0.13	0.11
290.0	320.0	0.18	0.12	0.09
370.0	400.0	0.19	0.12	0.09
450.0	480.0	0.19	0.12	0.09
510.0	540.0	0.20	0.12	0.08
590.0	620.0	0.19	0.13	0.08
670.0	700.0	0.19	0.12	0.07
730.0	760.0	0.18	0.13	0.08
810.0	840.0	0.17	0.10	0.07
890.0	920.0	0.15	0.09	0.05
950.0	980.0	0.14	0.08	0.05
1030.0	1060.0	0.19	0.10	0.04
1090.0	1120.0	0.14	0.08	0.04
1170.0	1200.0	0.11	0.06	0.03
1250.0	1280.0	0.08	0.05	0.05
1280.0	1310.0	0.08	0.05	0.03
1320.0	1350.0	0.07	0.04	0.01
1370.0	1400.0	0.06	0.04	0.02
1445.0	1475.0	0.06	0.04	0.01
1545.0	1575.0	0.07	0.05	0.03
1645.0	1675.0	0.07	0.03	0.03
1720.0	1750.0	0.10	0.06	0.03
1820.0	1850.0	0.14	0.08	0.05
1945.0	1975.0	0.23	0.13	0.07
2020.0	2050.0	0.31	0.17	0.08
2120.0	2150.0	0.45	0.26	0.17
2195.0	2225.0	0.63	0.36	0.20
2295.0	2325.0	0.76	0.47	0.27
2395.0	2425.0	0.90	0.53	0.34
2470.0	2500.0	1.11	0.67	0.41
2570.0	2600.0	1.30	0.82	0.52
2670.0	2700.0	1.29	0.84	0.54
2745.0	2775.0	1.20	0.80	0.48
2845.0	2875.0	1.08	0.69	0.44
2945.0	2975.0	1.15	0.76	0.48
3020.0	3050.0	1.10	0.70	0.45
3120.0	3150.0	0.94	0.56	0.33
3220.0	3250.0	0.72	0.44	0.25

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1230MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=200MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2300MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+21			+21			+21
1219.0	11.0	13.74	10.0	210.0	8.51	1179.0	1121.0	8.82
1149.0	81.0	15.72	49.0	249.0	7.63	1149.0	1151.0	8.65
1079.0	151.0	11.88	101.0	301.0	7.38	1109.0	1191.0	8.76
1009.0	221.0	9.01	140.0	340.0	7.18	1079.0	1221.0	8.76
929.0	301.0	8.32	192.0	392.0	7.11	1039.0	1261.0	8.67
859.0	371.0	8.02	244.0	444.0	7.22	999.0	1301.0	8.65
789.0	441.0	7.77	283.0	483.0	7.11	969.0	1331.0	8.61
719.0	511.0	7.59	335.0	535.0	7.12	929.0	1371.0	8.59
639.0	591.0	7.55	387.0	587.0	7.15	889.0	1411.0	8.46
532.0	698.0	7.45	426.0	626.0	7.32	859.0	1441.0	8.52
490.0	740.0	7.36	478.0	678.0	7.24	819.0	1481.0	8.42
442.0	788.0	7.37	530.0	730.0	7.28	779.0	1521.0	8.45
400.0	830.0	7.04	569.0	769.0	7.32	749.0	1551.0	8.42
358.0	872.0	7.17	621.0	821.0	7.38	709.0	1591.0	8.41
316.0	914.0	7.09	660.0	860.0	7.50	679.0	1621.0	8.51
268.0	962.0	7.08	712.0	912.0	7.48	639.0	1661.0	8.43
226.0	1004.0	7.05	764.0	964.0	7.59	599.0	1701.0	8.43
134.0	1096.0	7.00	916.0	1116.0	7.62	558.0	1742.0	8.26
30.0	1200.0	6.90	938.0	1138.0	7.57	526.0	1774.0	8.37
14.0	1216.0	6.92	1026.0	1226.0	7.63	494.0	1806.0	8.35
10.0	1240.0	7.14	1092.0	1292.0	7.60	470.0	1830.0	8.23
80.0	1310.0	6.90	1180.0	1380.0	7.56	438.0	1862.0	8.35
150.0	1380.0	6.89	1268.0	1468.0	7.48	406.0	1894.0	8.17
220.0	1450.0	6.88	1334.0	1534.0	7.46	382.0	1918.0	8.21
300.0	1530.0	6.83	1422.0	1622.0	7.43	350.0	1950.0	8.16
370.0	1600.0	6.98	1510.0	1710.0	7.45	318.0	1982.0	8.16
440.0	1670.0	7.12	1576.0	1776.0	7.49	294.0	2006.0	8.14
510.0	1740.0	7.28	1664.0	1864.0	7.64	262.0	2038.0	8.18
590.0	1820.0	7.42	1730.0	1930.0	7.81	238.0	2062.0	8.16
698.0	1928.0	7.72	1818.0	2018.0	8.01	206.0	2094.0	8.21
740.0	1970.0	7.85	1906.0	2106.0	8.32	174.0	2126.0	8.26
788.0	2018.0	7.94	1972.0	2172.0	8.61	150.0	2150.0	8.23
830.0	2060.0	8.02	2082.0	2282.0	9.11	118.0	2182.0	8.33
872.0	2102.0	8.08	2124.0	2324.0	9.29	90.0	2210.0	8.37
914.0	2144.0	8.25	2172.0	2372.0	9.52	75.0	2225.0	8.36
962.0	2192.0	8.37	2236.0	2436.0	9.70	55.0	2245.0	8.36
1004.0	2234.0	8.45	2300.0	2500.0	9.91	35.0	2265.0	8.49
1096.0	2326.0	8.65	2488.0	2688.0	10.29	28.0	2272.0	8.48
1288.0	2518.0	8.83	2744.0	2944.0	10.71	24.0	2276.0	8.48
1678.0	2908.0	9.23	3000.0	3200.0	11.55	20.0	2280.0	8.48

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+19	+21	+23	+19	+21	+23
120.0	23.77	23.98	25.13	30.57	31.22	32.09
180.0	29.03	29.42	30.09	26.82	26.90	27.09
260.0	28.89	29.13	29.37	31.26	31.61	32.35
320.0	30.73	30.90	31.06	36.72	37.33	38.02
400.0	35.05	35.17	35.26	42.39	43.11	43.78
480.0	40.19	40.20	40.17	45.32	45.99	46.63
540.0	43.63	43.54	43.56	47.24	47.95	48.41
620.0	46.73	46.54	46.25	48.29	48.87	49.36
700.0	49.16	48.96	48.63	49.87	50.68	51.45
760.0	49.65	49.57	49.29	48.62	49.35	49.95
840.0	50.97	50.53	50.02	47.15	47.71	48.17
920.0	48.72	48.53	48.19	46.54	47.08	47.38
980.0	49.09	48.89	48.60	45.57	46.10	46.33
1060.0	50.70	50.22	49.63	43.99	44.65	45.06
1120.0	54.81	54.35	54.03	48.17	48.54	48.85
1240.0	53.01	52.82	52.37	44.64	44.38	44.69
1280.0	56.02	55.87	55.34	44.31	44.09	44.38
1310.0	57.67	56.50	55.13	43.94	43.74	44.06
1350.0	53.30	52.74	51.93	44.52	44.29	44.47
1400.0	50.03	50.21	50.06	45.96	45.43	45.42
1475.0	47.68	47.68	47.52	49.65	48.61	48.29
1575.0	44.71	45.11	45.33	53.42	51.00	51.70
1675.0	43.70	44.07	44.42	56.62	53.76	54.27
1825.0	51.70	51.68	52.02	55.48	59.56	60.88
1850.0	59.06	59.63	61.06	52.70	54.80	56.00
1975.0	58.91	59.24	59.17	44.78	45.12	45.61
2050.0	51.72	51.08	50.58	41.97	42.18	42.26
2150.0	49.32	48.95	48.51	40.37	40.57	40.52
2225.0	51.53	51.27	51.02	39.68	39.58	39.62
2325.0	43.64	43.65	43.63	40.22	39.94	40.14
2425.0	46.99	46.91	46.35	40.03	39.60	40.15
2500.0	52.23	52.74	57.91	39.64	38.91	39.55
2600.0	51.05	52.09	54.29	40.33	39.59	40.39
2700.0	49.76	49.07	48.11	40.62	40.64	40.93
2775.0	45.87	45.36	45.11	41.00	41.54	41.52
2875.0	44.85	44.52	44.38	40.98	41.85	41.30
2975.0	43.97	43.51	43.10	39.23	39.89	39.33
3050.0	41.60	41.34	41.21	37.77	38.00	37.84
3150.0	41.69	41.69	41.81	36.24	35.94	36.19
3250.0	42.15	42.34	42.53	35.80	35.39	35.74

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+19	+21	+23
90.0	120.0	19.66	19.63	19.74
150.0	180.0	48.66	47.70	38.46
230.0	260.0	45.14	44.54	42.05
290.0	320.0	65.66	56.71	52.38
370.0	400.0	37.32	36.13	35.27
450.0	480.0	40.26	39.00	38.01
510.0	540.0	40.75	40.18	41.94
590.0	620.0	41.12	39.80	38.95
670.0	700.0	38.25	36.34	34.10
730.0	760.0	40.74	39.67	38.11
810.0	840.0	37.08	35.59	33.73
890.0	920.0	34.18	32.81	30.97
950.0	980.0	34.85	34.03	33.08
1030.0	1060.0	34.50	33.66	32.50
1090.0	1120.0	34.66	33.98	33.58
1170.0	1200.0	34.09	33.11	32.70
1250.0	1280.0	34.49	33.73	32.67
1280.0	1310.0	34.79	34.28	33.64
1320.0	1350.0	35.07	34.82	34.22
1370.0	1400.0	34.94	34.67	34.16
1445.0	1475.0	35.75	35.50	35.27
1545.0	1575.0	36.85	36.97	37.11
1645.0	1675.0	36.53	36.72	36.66
1720.0	1750.0	35.27	35.18	35.28
1820.0	1850.0	33.87	33.63	33.65
1945.0	1975.0	35.08	34.94	34.95
2020.0	2050.0	36.45	36.23	36.18
2120.0	2150.0	37.28	37.22	37.13
2195.0	2225.0	38.13	37.92	37.86
2295.0	2325.0	40.09	39.75	39.47
2395.0	2425.0	42.87	43.00	42.57
2470.0	2500.0	44.22	44.03	43.60
2570.0	2600.0	44.40	43.66	44.62
2670.0	2700.0	44.76	43.82	45.13
2745.0	2775.0	46.44	45.58	46.95
2845.0	2875.0	46.84	46.77	47.07
2945.0	2975.0	46.83	46.58	47.42
3020.0	3050.0	45.24	45.65	47.17
3120.0	3150.0	44.66	45.64	44.97
3220.0	3250.0	48.43	51.33	47.00

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=2300MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+19	+21	+23		+19	+21	+23		+19	+21	+23
90.0	120.0	1.30	1.33	1.32	120.0	4.61	4.44	3.56	20.0	1.07	1.11	1.17
150.0	180.0	1.39	1.41	1.44	180.0	4.31	4.31	4.30	23.0	1.05	1.11	1.17
230.0	260.0	1.42	1.44	1.46	260.0	4.37	4.37	4.34	27.0	1.04	1.09	1.19
290.0	320.0	1.48	1.49	1.51	320.0	4.09	4.09	4.09	30.0	1.07	1.15	1.17
370.0	400.0	1.55	1.56	1.57	400.0	4.12	4.12	4.12	50.0	1.09	1.15	1.19
450.0	480.0	1.58	1.57	1.57	480.0	4.27	4.27	4.26	70.0	1.14	1.17	1.21
510.0	540.0	1.61	1.59	1.57	540.0	4.27	4.26	4.25	85.0	1.16	1.18	1.22
590.0	620.0	1.65	1.61	1.57	620.0	4.15	4.14	4.13	110.0	1.22	1.22	1.25
670.0	700.0	1.69	1.63	1.58	700.0	3.98	3.98	3.96	142.0	1.30	1.29	1.32
730.0	760.0	1.70	1.63	1.58	760.0	3.85	3.85	3.84	166.0	1.34	1.34	1.34
810.0	840.0	1.75	1.68	1.62	840.0	3.64	3.64	3.63	198.0	1.41	1.40	1.40
890.0	920.0	1.83	1.75	1.69	920.0	3.43	3.42	3.41	230.0	1.50	1.49	1.49
950.0	980.0	1.90	1.82	1.75	980.0	3.26	3.26	3.24	254.0	1.55	1.53	1.52
1030.0	1060.0	1.88	1.80	1.73	1060.0	3.06	3.06	3.05	286.0	1.63	1.60	1.58
1090.0	1120.0	1.92	1.85	1.79	1120.0	2.95	2.95	2.94	310.0	1.71	1.68	1.65
1170.0	1200.0	1.75	1.68	1.62	1240.0	2.70	2.69	2.69	342.0	1.77	1.73	1.70
1250.0	1280.0	1.53	1.47	1.41	1280.0	2.62	2.62	2.60	374.0	1.86	1.81	1.77
1280.0	1310.0	1.45	1.39	1.34	1310.0	2.60	2.59	2.59	398.0	1.93	1.88	1.84
1320.0	1350.0	1.36	1.30	1.26	1350.0	2.52	2.52	2.51	430.0	2.00	1.94	1.89
1370.0	1400.0	1.24	1.20	1.16	1400.0	2.50	2.50	2.50	462.0	2.06	1.99	1.93
1445.0	1475.0	1.14	1.12	1.11	1475.0	2.45	2.46	2.46	486.0	2.17	2.09	2.03
1545.0	1575.0	1.14	1.17	1.21	1575.0	2.47	2.48	2.49	518.0	2.22	2.14	2.07
1645.0	1675.0	1.26	1.31	1.36	1675.0	2.54	2.54	2.55	550.0	2.24	2.16	2.08
1720.0	1750.0	1.32	1.37	1.43	1825.0	2.62	2.62	2.61	600.0	2.35	2.26	2.17
1820.0	1850.0	1.34	1.39	1.44	1850.0	2.66	2.66	2.66	630.0	2.38	2.28	2.19
1945.0	1975.0	1.38	1.43	1.47	1975.0	2.75	2.74	2.74	670.0	2.44	2.34	2.24
2020.0	2050.0	1.49	1.53	1.57	2050.0	2.82	2.82	2.82	700.0	2.45	2.35	2.25
2120.0	2150.0	1.67	1.70	1.73	2150.0	2.90	2.90	2.89	740.0	2.43	2.33	2.22
2195.0	2225.0	1.82	1.83	1.86	2225.0	2.95	2.95	2.94	770.0	2.44	2.33	2.22
2295.0	2325.0	1.98	1.99	2.01	2325.0	3.02	3.02	3.01	810.0	2.40	2.30	2.19
2395.0	2425.0	2.08	2.09	2.11	2425.0	3.07	3.07	3.06	850.0	2.39	2.28	2.18
2470.0	2500.0	2.10	2.13	2.15	2500.0	3.07	3.05	3.02	880.0	2.34	2.24	2.14
2570.0	2600.0	2.06	2.08	2.10	2600.0	3.08	3.05	3.02	920.0	2.23	2.13	2.03
2670.0	2700.0	2.02	2.01	2.01	2700.0	3.07	3.05	3.01	960.0	2.18	2.09	1.99
2745.0	2775.0	1.99	1.97	1.97	2775.0	2.99	2.96	2.90	990.0	2.11	2.02	1.93
2845.0	2875.0	1.89	1.86	1.85	2875.0	2.93	2.90	2.85	1030.0	2.03	1.93	1.85
2945.0	2975.0	1.78	1.76	1.74	2975.0	2.87	2.84	2.81	1070.0	1.94	1.85	1.78
3020.0	3050.0	1.73	1.72	1.71	3050.0	2.85	2.83	2.81	1100.0	1.83	1.74	1.67
3120.0	3150.0	1.65	1.64	1.64	3150.0	2.70	2.68	2.66	1140.0	1.77	1.68	1.61
3220.0	3250.0	1.56	1.57	1.58	3250.0	2.46	2.44	2.43	1180.0	1.67	1.59	1.52

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	12.94	19.69	20.86	23.55	23.35	38.56	37.42	48.83	38.17	52.73
1	--	29.36	--	40.86	14.54	49.17	32.24	45.64	39.39	46.54	44.33	51.89
2	98.52	83.48	76.40	77.64	69.96	76.14	71.54	73.12	79.20	74.42	90.12	77.46
3	102.52	90.18	81.18	83.58	74.86	85.92	76.34	87.34	87.92	93.50	93.33	93.99
4	102.12	98.81	85.76	81.55	76.94	81.14	81.47	83.23	82.54	98.87	89.40	94.57
5	99.70	87.31	86.97	85.40	86.50	74.99	79.46	71.10	85.12	87.22	87.67	89.74
6	99.58	95.43	84.91	86.20	91.16	86.13	70.68	73.55	72.38	84.09	75.08	82.30
7	98.36	109.44	94.32	91.05	87.40	82.34	80.81	76.74	80.15	78.99	83.55	86.42
8	100.06	109.73	108.51	109.50	86.41	107.45	90.93	100.09	88.43	95.42	87.04	84.47
9	100.41	112.00	110.24	110.91	96.02	109.72	107.24	102.29	85.78	94.80	98.76	95.33
10	101.16	108.90	111.17	106.63	108.46	110.32	103.39	107.85	93.47	105.33	86.67	97.42
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.00 MHz; 0.00 dBm.
LO IN: 1280.00 MHz; +21.00 dBm
IF OUT: 29.91 MHz; -6.83 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	23.83	31.02	32.16	33.77	34.84	46.9	48.66	57.15	50.82	63.76
1	--	29.74	--	42.45	14.79	51.98	33.06	46.7	40.55	47.38	45.53	53.23
2	87.95	59.62	62.01	65.8	66.65	64.85	78.6	60.13	67.89	64.77	71.61	67.48
3	91.95	71.46	54.28	66.7	49.97	66.77	52.62	72.85	61.35	78.24	65.13	75.36
4	91.55	78.59	79.1	83.23	74	79.8	75.48	80.87	80.29	84.02	93.89	93.74
5	89.13	87.3	92.1	84.61	82.29	74.26	80.64	83.83	84.31	88.98	96.38	93.53
6	89.01	94.15	89.66	90.42	87.64	80.95	81.54	77.31	81.94	83.14	94.09	87.61
7	87.79	105	88.49	97.46	86.9	83.99	79.61	77.48	88.05	77.47	74.98	83.62
8	89.49	111.9	104.1	109.5	97.21	99.1	87.29	93	83.3	90.53	80.14	92.13
9	89.84	117.1	107.4	104.5	107.9	110.2	91.11	98.81	79.27	94.09	72.47	94.88
10	90.59	121.4	116.3	111.8	116.6	108.1	103.8	107.3	99.2	106.6	93.8	106.2
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.00 MHz; 10.00 dBm.
LO IN: 1280.00 MHz; +21.00 dBm
IF OUT: 29.91 MHz; 3.74 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