Frequency Mixer ADE-ED13424/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+17	+20	+23
10.0	40.0	5.81	5.81	5.59
75.0	105.0	6.50	6.26	6.18
200.0	230.0	6.84	6.58	6.45
325.0	355.0	7.15	6.82	6.54
425.0	455.0	7.20	6.75	6.48
550.0	580.0	7.32	6.76	6.49
675.0	705.0	7.67	7.02	6.72
800.0	830.0	7.60	6.99	6.76
925.0	955.0	7.37	6.98	6.78
1030.0	1060.0	7.58	7.23	7.07
1110.0	1140.0	7.77	7.43	7.27
1210.0	1240.0	8.00	7.67	7.51
1310.0	1340.0	8.12	7.84	7.67
1410.0	1440.0	8.29	7.94	7.79
1510.0	1540.0	8.34	7.97	7.84
1610.0	1640.0	8.48	8.11	7.95
1710.0	1740.0	8.47	8.08	7.95
1790.0	1820.0	8.55	8.14	8.01
1890.0	1920.0	8.53	8.09	7.99
1990.0	2020.0	8.61	8.13	7.98
2090.0	2120.0	8.69	8.15	7.98
2190.0	2220.0	9.05	8.44	8.21
2290.0	2320.0	9.50	8.76	8.47
2370.0	2400.0	9.70	8.87	8.52
2470.0	2500.0	9.87	9.11	8.77
2570.0	2600.0	9.84	9.13	8.79
2670.0	2700.0	9.84	9.15	8.83
2770.0	2800.0	9.83	9.16	8.88
2870.0	2900.0	9.63	9.09	8.80
2970.0	3000.0	9.46	9.02	8.79
3050.0	3080.0	9.45	9.08	8.90
3150.0	3180.0	9.40	9.04	8.89
3250.0	3280.0	9.47	9.11	8.94
3350.0	3380.0	9.64	9.26	9.08
3450.0	3480.0	10.09	9.65	9.41
3550.0	3580.0	10.65	10.11	9.84
3630.0	3660.0	11.28	10.71	10.36
3730.0	3760.0	11.91	11.25	10.90
3830.0	3860.0	12.46	11.70	11.35
3910.0	3940.0	12.95	12.16	11.76

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm) @LO (dBm)		
		+17	+20	+23
10.0	40.0	25.24	26.16	32.33
75.0	105.0	27.63	27.94	26.76
200.0	230.0	23.00	23.18	24.57
325.0	355.0	21.50	22.85	25.87
425.0	455.0	21.37	23.52	27.52
550.0	580.0	22.40	26.14	38.09
675.0	705.0	21.93	26.81	31.28
800.0	830.0	25.88	30.84	29.24
925.0	955.0	28.95	28.35	28.14
1030.0	1060.0	28.82	28.83	28.21
1110.0	1140.0	28.11	28.31	28.41
1210.0	1240.0	27.01	27.53	28.08
1310.0	1340.0	26.20	26.49	27.00
1410.0	1440.0	25.29	26.31	27.25
1510.0	1540.0	25.81	27.01	27.52
1610.0	1640.0	26.88	27.82	28.27
1710.0	1740.0	27.13	27.99	28.17
1790.0	1820.0	27.69	27.35	29.38
1890.0	1920.0	30.80	28.94	28.82
1990.0	2020.0	37.35	29.01	29.53
2090.0	2120.0	31.84	34.75	30.62
2190.0	2220.0	28.73	37.26	32.84
2290.0	2320.0	28.70	36.64	33.44
2370.0	2400.0	29.27	42.53	33.70
2470.0	2500.0	32.54	30.87	31.18
2570.0	2600.0	29.61	29.03	28.55
2670.0	2700.0	27.05	26.98	27.08
2770.0	2800.0	25.87	25.68	25.87
2870.0	2900.0	24.78	25.03	24.91
2970.0	3000.0	23.78	24.20	24.64
3050.0	3080.0	23.18	23.82	24.24
3150.0	3180.0	22.14	22.66	23.22
3250.0	3280.0	21.25	21.95	22.31
3350.0	3380.0	20.48	21.16	21.79
3450.0	3480.0	20.31	21.14	22.05
3550.0	3580.0	20.23	21.08	22.10
3630.0	3660.0	20.40	21.13	21.92
3730.0	3760.0	20.86	21.40	22.07
3830.0	3860.0	21.87	22.09	22.53
3910.0	3940.0	22.71	22.70	22.94

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+14dBm (dB) @LO (dBm)		
		+17	+20	+23
10.0	40.0	1.42	0.22	0.38
75.0	105.0	0.82	0.49	0.33
200.0	230.0	0.69	0.40	0.27
325.0	355.0	0.64	0.40	0.33
425.0	455.0	0.72	0.56	0.46
550.0	580.0	0.96	0.81	0.66
675.0	705.0	0.88	0.76	0.61
800.0	830.0	0.97	0.81	0.60
925.0	955.0	1.12	0.85	0.68
1030.0	1060.0	1.02	0.80	0.63
1110.0	1140.0	0.78	0.61	0.50
1210.0	1240.0	0.48	0.39	0.34
1310.0	1340.0	0.35	0.22	0.20
1410.0	1440.0	0.30	0.21	0.19
1510.0	1540.0	0.24	0.19	0.17
1610.0	1640.0	0.20	0.14	0.15
1710.0	1740.0	0.19	0.16	0.15
1790.0	1820.0	0.17	0.12	0.13
1890.0	1920.0	0.20	0.14	0.12
1990.0	2020.0	0.19	0.13	0.12
2090.0	2120.0	0.18	0.14	0.13
2190.0	2220.0	0.15	0.11	0.11
2290.0	2320.0	0.08	0.09	0.11
2370.0	2400.0	0.04	0.09	0.11
2470.0	2500.0	0.08	0.08	0.09
2570.0	2600.0	0.17	0.13	0.14
2670.0	2700.0	0.30	0.19	0.19
2770.0	2800.0	0.49	0.33	0.26
2870.0	2900.0	0.80	0.52	0.45
2970.0	3000.0	1.09	0.75	0.63
3050.0	3080.0	1.21	0.79	0.67
3150.0	3180.0	1.37	0.91	0.73
3250.0	3280.0	1.45	0.94	0.74
3350.0	3380.0	1.46	0.90	0.68
3450.0	3480.0	1.39	0.81	0.57
3550.0	3580.0	1.28	0.77	0.51
3630.0	3660.0	1.16	0.62	0.43
3730.0	3760.0	1.09	0.56	0.39
3830.0	3860.0	1.06	0.50	0.37
3910.0	3940.0	1.12	0.40	0.34

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1535MHz (dB) @LO (dBm) +20
1525.0	10.0	8.62
1450.0	85.0	8.86
1375.0	160.0	8.81
1285.0	250.0	8.90
1210.0	325.0	8.74
1135.0	400.0	8.74
1060.0	475.0	8.73
970.0	565.0	8.63
895.0	640.0	8.61
820.0	715.0	8.57
745.0	790.0	8.37
655.0	880.0	8.46
580.0	955.0	8.39
505.0	1030.0	8.26
430.0	1105.0	8.35
355.0	1180.0	8.25
265.0	1270.0	8.21
190.0	1345.0	8.17
115.0	1420.0	8.16
40.0	1495.0	8.06
10.0	1545.0	8.61
100.0	1635.0	7.97
190.0	1725.0	7.93
265.0	1800.0	7.96
355.0	1890.0	7.99
445.0	1980.0	7.86
535.0	2070.0	7.87
625.0	2160.0	7.91
700.0	2235.0	7.93
790.0	2325.0	8.01
880.0	2415.0	8.27
970.0	2505.0	8.43
1060.0	2595.0	8.62
1135.0	2670.0	8.58
1225.0	2760.0	8.47
1315.0	2850.0	8.43
1405.0	2940.0	8.39
1495.0	3030.0	8.42
1570.0	3105.0	8.69
1660.0	3195.0	8.82

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=20MHz (dB) @LO (dBm) +20
10.0	30.0	6.68
110.0	130.0	6.11
230.0	250.0	6.24
330.0	350.0	6.26
450.0	470.0	6.14
550.0	570.0	6.10
650.0	670.0	6.07
770.0	790.0	6.06
870.0	890.0	6.11
970.0	990.0	6.25
1090.0	1110.0	6.38
1190.0	1210.0	6.41
1310.0	1330.0	6.63
1410.0	1430.0	6.70
1510.0	1530.0	6.73
1582.4	1602.4	6.83
1644.8	1664.8	6.88
1719.7	1739.7	6.99
1782.1	1802.1	7.06
1844.5	1864.5	7.10
1919.4	1939.4	7.07
1981.8	2001.8	7.22
2044.2	2064.2	7.24
2119.1	2139.1	7.37
2181.5	2201.5	7.44
2256.4	2276.4	7.44
2318.8	2338.8	7.55
2381.2	2401.2	7.61
2456.1	2476.1	7.57
2518.5	2538.5	7.60
2593.4	2613.4	7.72
2655.8	2675.8	7.59
2718.2	2738.2	7.74
2793.1	2813.1	7.78
2855.5	2875.5	7.85
2917.9	2937.9	7.81
2992.8	3012.8	7.67
3055.2	3075.2	7.75
3130.1	3150.1	8.04
3180.0	3200.0	7.88

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3050MHz (dB) @LO (dBm) +20
1890.0	1160.0	9.64
1850.0	1200.0	9.70
1790.0	1260.0	9.77
1750.0	1300.0	9.77
1690.0	1360.0	9.96
1650.0	1400.0	9.99
1590.0	1460.0	10.06
1550.0	1500.0	10.16
1510.0	1540.0	10.04
1450.0	1600.0	10.20
1410.0	1640.0	10.18
1350.0	1700.0	10.28
1310.0	1740.0	10.23
1250.0	1800.0	10.28
1210.0	1840.0	10.22
1150.0	1900.0	10.23
1110.0	1940.0	10.18
1070.0	1980.0	10.31
1010.0	2040.0	10.06
970.0	2080.0	10.17
910.0	2140.0	10.21
870.0	2180.0	10.16
810.0	2240.0	10.22
770.0	2280.0	10.18
730.0	2320.0	10.19
670.0	2380.0	10.11
630.0	2420.0	9.92
570.0	2480.0	9.77
530.0	2520.0	9.55
470.0	2580.0	9.31
430.0	2620.0	9.24
370.0	2680.0	9.04
330.0	2720.0	8.96
290.0	2760.0	8.90
230.0	2820.0	8.88
190.0	2860.0	8.84
130.0	2920.0	8.85
90.0	2960.0	8.91
30.0	3020.0	8.98
10.0	3040.0	9.56

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+17	+20	+23	+17	+20	+23
40.0	54.51	55.08	54.17	37.16	41.26	44.36
105.0	47.87	46.93	45.80	36.29	40.19	42.50
230.0	38.37	38.23	37.87	37.63	39.39	38.30
355.0	34.20	34.57	34.60	39.27	37.62	35.49
455.0	32.14	32.85	33.04	40.06	36.22	33.94
580.0	29.93	30.90	31.21	38.96	34.36	32.25
705.0	29.37	30.62	31.07	37.30	32.85	30.75
830.0	29.32	30.75	31.47	34.53	31.73	30.04
955.0	28.89	30.43	31.27	31.62	29.90	28.77
1060.0	29.22	30.95	32.04	30.57	29.26	28.38
1140.0	30.49	32.77	34.14	30.25	29.03	28.14
1240.0	30.52	33.34	35.53	30.16	29.14	28.33
1340.0	30.50	34.00	37.33	29.90	29.31	28.68
1440.0	31.04	35.29	39.25	29.48	29.39	29.05
1540.0	31.44	36.10	40.32	28.80	29.33	29.38
1640.0	32.12	37.68	41.76	27.91	29.06	29.65
1740.0	31.96	37.72	41.55	27.44	28.97	29.99
1820.0	31.76	37.06	38.75	26.86	28.60	29.71
1920.0	30.96	35.73	37.74	26.32	28.00	29.15
2020.0	30.12	33.58	35.02	25.42	26.86	27.87
2120.0	28.84	31.39	32.63	25.07	26.10	26.83
2220.0	27.76	29.60	30.53	24.76	25.30	25.64
2320.0	27.96	29.55	30.32	24.54	24.71	24.77
2400.0	26.77	27.95	28.51	24.58	24.40	24.23
2500.0	25.80	26.36	26.64	24.85	24.48	24.28
2600.0	26.44	26.45	26.35	24.75	24.60	24.55
2700.0	26.66	26.39	26.21	24.36	24.40	24.64
2800.0	26.05	25.63	25.46	24.06	24.32	24.77
2900.0	25.32	24.89	24.80	23.86	24.37	24.99
3000.0	24.98	24.60	24.61	23.87	24.75	25.65
3080.0	24.33	24.06	24.12	23.97	25.00	26.05
3180.0	23.93	23.83	23.99	24.40	25.57	26.77
3280.0	23.36	23.41	23.61	24.38	25.76	27.07
3380.0	22.69	22.84	23.03	24.46	25.91	27.20
3480.0	22.59	22.83	22.99	24.66	26.05	27.27
3580.0	22.44	22.65	22.69	25.00	26.29	27.37
3660.0	22.39	22.55	22.52	25.07	26.15	27.08
3760.0	22.17	22.27	22.21	25.17	25.87	26.36
3860.0	21.72	21.75	21.66	25.18	25.57	25.69
3940.0	21.78	21.74	21.61	24.78	25.12	25.14

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+17	+20	+23
10.0	40.0	24.19	24.39	23.87
75.0	105.0	23.85	24.00	24.09
200.0	230.0	24.69	24.94	25.14
325.0	355.0	25.73	26.07	26.58
425.0	455.0	27.16	27.72	28.47
550.0	580.0	29.11	29.54	29.85
675.0	705.0	30.82	30.96	31.33
800.0	830.0	33.27	32.98	33.39
925.0	955.0	36.44	36.18	36.15
1030.0	1060.0	43.61	42.53	40.26
1110.0	1140.0	46.90	43.41	39.00
1210.0	1240.0	39.63	38.29	35.76
1310.0	1340.0	37.19	36.04	33.98
1410.0	1440.0	36.49	35.30	33.78
1510.0	1540.0	36.92	35.61	33.88
1610.0	1640.0	37.13	36.21	34.84
1710.0	1740.0	36.90	36.81	35.89
1790.0	1820.0	36.06	37.02	36.85
1890.0	1920.0	35.83	37.27	38.15
1990.0	2020.0	34.21	35.02	35.48
2090.0	2120.0	32.08	32.27	32.22
2190.0	2220.0	30.56	30.59	30.56
2290.0	2320.0	29.84	29.91	29.97
2370.0	2400.0	28.79	28.82	29.00
2470.0	2500.0	27.98	28.03	28.13
2570.0	2600.0	27.12	27.10	27.08
2670.0	2700.0	26.68	26.61	26.68
2770.0	2800.0	26.50	26.37	26.42
2870.0	2900.0	26.39	26.30	26.25
2970.0	3000.0	26.05	26.05	26.04
3050.0	3080.0	26.07	26.22	26.49
3150.0	3180.0	26.20	26.41	26.63
3250.0	3280.0	26.60	26.93	27.16
3350.0	3380.0	27.24	27.65	27.83
3450.0	3480.0	27.95	28.53	28.77
3550.0	3580.0	28.14	28.96	29.41
3630.0	3660.0	27.99	28.93	29.96
3730.0	3760.0	28.06	28.93	29.92
3830.0	3860.0	29.23	30.01	30.68
3910.0	3940.0	31.48	31.99	32.41

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+17	+20	+23
10.0	40.0	1.19	1.06	1.02
75.0	105.0	1.02	1.06	1.12
200.0	230.0	1.12	1.05	1.00
325.0	355.0	1.19	1.12	1.07
425.0	455.0	1.27	1.19	1.15
550.0	580.0	1.45	1.36	1.31
675.0	705.0	1.70	1.59	1.52
800.0	830.0	1.86	1.76	1.69
925.0	955.0	2.05	1.96	1.89
1030.0	1060.0	2.20	2.10	2.02
1110.0	1140.0	2.30	2.21	2.14
1210.0	1240.0	2.34	2.26	2.19
1310.0	1340.0	2.34	2.26	2.19
1410.0	1440.0	2.31	2.22	2.15
1510.0	1540.0	2.25	2.17	2.11
1610.0	1640.0	2.37	2.28	2.22
1710.0	1740.0	2.49	2.39	2.33
1790.0	1820.0	2.81	2.65	2.55
1890.0	1920.0	2.74	2.55	2.43
1990.0	2020.0	2.75	2.54	2.40
2090.0	2120.0	2.66	2.45	2.30
2190.0	2220.0	2.65	2.44	2.30
2290.0	2320.0	2.63	2.44	2.31
2370.0	2400.0	2.94	2.74	2.59
2470.0	2500.0	2.87	2.70	2.58
2570.0	2600.0	2.82	2.66	2.55
2670.0	2700.0	2.83	2.67	2.55
2770.0	2800.0	2.71	2.56	2.45
2870.0	2900.0	2.58	2.44	2.32
2970.0	3000.0	2.42	2.29	2.19
3050.0	3080.0	2.40	2.27	2.17
3150.0	3180.0	2.24	2.13	2.05
3250.0	3280.0	2.08	2.00	1.94
3350.0	3380.0	1.92	1.87	1.83
3450.0	3480.0	1.81	1.80	1.79
3550.0	3580.0	1.75	1.79	1.83
3630.0	3660.0	1.56	1.59	1.63
3730.0	3760.0	1.67	1.73	1.77
3830.0	3860.0	1.83	1.91	1.96
3910.0	3940.0	1.81	1.91	1.97

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+17	+20	+23
40.0	1.65	2.48	3.51
105.0	1.55	2.26	3.16
230.0	1.61	2.35	3.27
355.0	1.61	2.28	3.11
455.0	1.59	2.23	3.03
580.0	1.58	2.17	2.91
705.0	1.59	2.18	2.90
830.0	1.54	2.10	2.79
955.0	1.53	2.04	2.68
1060.0	1.56	1.99	2.58
1140.0	1.60	1.98	2.54
1240.0	1.68	1.98	2.50
1340.0	1.75	1.97	2.46
1440.0	1.81	1.91	2.33
1540.0	1.86	1.86	2.22
1640.0	1.88	1.80	2.11
1740.0	1.89	1.72	1.96
1820.0	1.95	1.65	1.85
1920.0	1.91	1.54	1.67
2020.0	1.88	1.43	1.50
2120.0	1.85	1.33	1.37
2220.0	1.80	1.24	1.24
2320.0	1.75	1.18	1.16
2400.0	1.84	1.23	1.15
2500.0	1.82	1.30	1.28
2600.0	1.79	1.40	1.45
2700.0	1.75	1.50	1.61
2800.0	1.72	1.61	1.77
2900.0	1.72	1.73	1.92
3000.0	1.73	1.85	2.08
3080.0	1.85	2.07	2.35
3180.0	1.89	2.18	2.49
3280.0	1.97	2.33	2.69
3380.0	2.02	2.38	2.70
3480.0	2.18	2.58	2.93
3580.0	2.25	2.60	2.91
3660.0	2.46	2.86	3.20
3760.0	2.61	2.98	3.25
3860.0	2.78	3.13	3.34
3940.0	2.76	3.02	3.13

IF (OUT) (MHz)	IF VSWR @LO=3080.1MHz (:1) @LO (dBm)		
	+17	+20	+23
10.0	1.20	1.35	1.47
60.0	1.31	1.50	1.65
110.0	1.26	1.43	1.56
160.0	1.32	1.48	1.61
220.0	1.33	1.48	1.60
270.0	1.38	1.51	1.60
320.0	1.39	1.52	1.61
370.0	1.43	1.53	1.61
420.0	1.44	1.53	1.60
470.0	1.46	1.53	1.60
530.0	1.46	1.52	1.58
580.0	1.45	1.50	1.56
630.0	1.45	1.50	1.55
680.0	1.45	1.49	1.53
730.0	1.43	1.47	1.52
780.0	1.41	1.44	1.48
830.0	1.38	1.39	1.44
890.0	1.33	1.34	1.39
940.0	1.28	1.29	1.35
990.0	1.23	1.24	1.30
1040.0	1.27	1.24	1.28
1090.0	1.23	1.20	1.25
1140.0	1.16	1.16	1.25
1200.0	1.01	1.15	1.28
1250.0	1.06	1.18	1.31
1300.0	1.11	1.22	1.34
1350.0	1.16	1.27	1.39
1400.0	1.23	1.32	1.43
1450.0	1.26	1.36	1.47
1500.0	1.33	1.42	1.51
1560.0	1.34	1.45	1.56
1600.0	1.45	1.52	1.61
1660.0	1.53	1.64	1.76
1710.0	1.63	1.75	1.87
1760.0	1.73	1.83	1.94
1810.0	1.86	1.97	2.09
1870.0	2.04	2.14	2.24
1920.0	2.16	2.24	2.34
1970.0	2.31	2.39	2.48
2010.0	2.17	2.25	2.34

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	--	--	2.67	5.63	18.48	27.40	20.17	22.09	19.49	56.66	48.02	34.23
1	--	29.44	--	33.35	15.46	43.43	25.77	50.51	32.59	38.89	42.99	52.88
2	105.45	57.77	54.20	50.56	57.18	52.97	59.63	61.36	61.65	56.21	55.73	69.80
3	105.32	87.39	59.95	80.96	64.04	83.17	65.83	86.35	71.39	105.43	73.48	70.95
4	105.65	102.34	105.23	94.23	96.29	90.06	96.84	91.39	101.13	94.54	98.28	88.82
5	104.99	110.83	103.11	102.12	103.06	101.93	101.05	99.51	103.39	99.78	104.38	108.17
6	104.43	107.20	108.75	110.91	106.27	110.82	108.78	108.68	108.28	109.09	105.16	108.69
7	104.71	110.22	108.63	110.24	109.53	99.15	108.45	98.80	111.03	102.07	111.89	107.78
8	104.78	109.57	110.01	107.95	110.55	103.44	108.32	109.91	105.14	103.11	101.09	112.02
9	103.11	106.65	108.50	110.65	110.41	110.45	109.31	98.70	107.89	94.17	107.31	106.84
10	101.90	107.73	107.37	110.73	109.71	110.63	109.45	110.54	103.07	109.26	104.31	108.17
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 1535.00 MHz; 0.00 dBm.**
LO IN: 1565.00 MHz; +20.00 dBm
IF OUT: 30.00 MHz; -7.73 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	--	--	12.78	15.79	29.00	36.93	31.03	34.28	31.62	67.34	70.31	46.40
1	--	28.86	--	32.74	15.21	43.66	26.37	51.73	33.06	42.96	45.93	59.04
2	95.50	51.47	43.74	42.27	46.53	44.84	48.27	56.84	53.13	49.20	48.66	63.81
3	95.37	72.03	39.03	58.39	44.12	62.05	46.65	66.85	53.69	74.54	58.40	54.80
4	95.70	72.43	72.36	65.88	71.72	63.01	72.99	62.79	73.83	66.95	71.05	62.09
5	95.04	93.84	74.04	74.72	63.83	75.45	62.42	75.14	64.84	77.57	68.05	89.79
6	94.48	86.74	96.61	93.36	101.07	84.23	86.93	78.66	83.81	77.72	89.20	79.56
7	94.76	101.89	98.02	112.29	95.83	95.93	84.51	92.68	79.42	88.77	79.91	90.11
8	94.83	115.60	106.13	105.45	110.10	111.13	102.85	104.24	107.79	104.65	96.28	98.00
9	93.16	116.66	109.52	119.62	109.84	116.33	119.32	97.80	106.57	102.66	100.58	105.17
10	91.95	112.92	117.26	115.21	114.83	113.15	113.97	121.22	106.69	111.36	107.93	117.25
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 1535.00 MHz; 10.00 dBm.**
LO IN: 1565.00 MHz; +20.00 dBm
IF OUT: 30.00 MHz; 2.22 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