Frequency Mixer ADE-ED12872/2

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+4	+7	+10
120.00	150.00	18.23	11.79	8.58
220.00	250.00	7.03	6.05	5.72
320.00	350.00	5.63	5.28	5.10
420.00	450.00	5.39	5.10	4.91
520.00	550.00	5.39	5.11	4.90
620.00	650.00	5.22	4.99	4.81
720.00	750.00	5.11	4.78	4.60
820.00	850.00	5.85	5.19	4.82
920.00	950.00	6.61	5.87	5.30
1020.00	1050.00	6.38	5.78	5.39
1120.00	1150.00	6.40	6.01	5.75
1220.00	1250.00	6.27	6.09	5.96
1320.00	1350.00	6.11	5.98	5.93
1420.00	1450.00	6.09	5.96	5.91
1520.00	1550.00	6.24	6.10	6.06
1620.00	1650.00	6.73	6.38	6.21
1740.00	1770.00	6.91	6.59	6.44
1840.00	1870.00	7.22	6.82	6.65
1960.00	1990.00	7.57	7.04	6.79
2060.00	2090.00	7.77	7.12	6.82
2180.00	2210.00	7.73	7.05	6.70
2280.00	2310.00	7.77	7.05	6.71
2400.00	2430.00	8.05	7.20	6.82
2500.00	2530.00	8.14	7.18	6.77
2620.00	2650.00	8.34	7.14	6.69
2720.00	2750.00	8.57	6.99	6.52
2840.00	2870.00	8.57	6.69	6.22
2940.00	2970.00	8.62	6.67	6.09
3060.00	3090.00	8.32	6.63	6.03
3160.00	3190.00	7.71	6.41	5.97
3280.00	3310.00	6.90	6.03	5.75
3380.00	3410.00	6.57	5.86	5.61
3500.00	3530.00	6.31	5.78	5.58
3600.00	3630.00	6.32	5.91	5.72
3720.00	3750.00	6.61	6.25	6.06
3820.00	3850.00	7.00	6.63	6.45
3940.00	3970.00	7.64	7.21	7.01
4040.00	4070.00	8.49	7.92	7.65
4160.00	4190.00	9.93	9.03	8.60
4260.00	4290.00	11.63	10.17	9.43

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+4	+7	+10
120.00	150.00	-2.67	3.73	13.56
220.00	250.00	10.01	15.72	17.48
320.00	350.00	14.34	17.23	16.06
420.00	450.00	16.02	14.24	13.37
520.00	550.00	12.73	16.21	15.02
620.00	650.00	13.11	20.00	17.51
720.00	750.00	16.60	14.18	14.32
820.00	850.00	8.59	12.54	12.43
920.00	950.00	4.21	5.83	7.06
1020.00	1050.00	7.02	10.35	12.96
1120.00	1150.00	6.51	8.11	9.49
1220.00	1250.00	8.34	9.13	9.84
1320.00	1350.00	8.98	9.68	10.29
1420.00	1450.00	10.01	10.99	11.70
1520.00	1550.00	11.33	13.11	14.12
1620.00	1650.00	10.00	11.38	12.36
1740.00	1770.00	11.13	12.49	12.53
1840.00	1870.00	10.89	11.61	11.36
1960.00	1990.00	13.72	13.13	12.47
2060.00	2090.00	12.69	14.09	14.14
2180.00	2210.00	9.73	11.16	12.54
2280.00	2310.00	8.97	10.16	11.92
2400.00	2430.00	8.69	9.40	11.07
2500.00	2530.00	8.06	9.21	10.24
2620.00	2650.00	7.86	9.38	10.05
2720.00	2750.00	8.03	9.48	10.39
2840.00	2870.00	8.37	10.96	11.41
2940.00	2970.00	7.67	11.49	11.72
3060.00	3090.00	5.56	9.29	11.35
3160.00	3190.00	8.72	8.40	9.00
3280.00	3310.00	9.21	8.70	9.57
3380.00	3410.00	7.73	8.43	9.64
3500.00	3530.00	7.66	8.21	9.46
3600.00	3630.00	8.22	8.71	9.78
3720.00	3750.00	9.68	10.18	10.74
3820.00	3850.00	9.91	11.39	11.96
3940.00	3970.00	9.79	11.74	12.89
4040.00	4070.00	8.82	11.73	13.15
4160.00	4190.00	7.31	11.32	13.32
4260.00	4290.00	6.86	11.29	13.42

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=1(dBm) (dB) @LO (dBm)		
		+4	+7	+10
120.00	150.00	3.52	0.83	-0.11
220.00	250.00	-1.69	-1.24	-0.89
320.00	350.00	-1.92	-1.50	-1.23
420.00	450.00	-1.95	-1.62	-1.40
520.00	550.00	-2.08	-1.80	-1.60
620.00	650.00	-2.45	-2.12	-1.89
720.00	750.00	-2.88	-2.54	-2.21
820.00	850.00	-2.78	-2.60	-2.38
920.00	950.00	-2.30	-2.24	-2.13
1020.00	1050.00	-2.29	-2.20	-2.10
1120.00	1150.00	-1.90	-1.75	-1.62
1220.00	1250.00	-1.62	-1.38	-1.24
1320.00	1350.00	-1.39	-1.18	-1.06
1420.00	1450.00	-1.06	-0.89	-0.80
1520.00	1550.00	-1.05	-0.82	-0.74
1620.00	1650.00	-1.36	-1.13	-1.02
1740.00	1770.00	-1.31	-1.15	-1.07
1840.00	1870.00	-1.17	-1.03	-0.97
1960.00	1990.00	-1.00	-0.88	-0.80
2060.00	2090.00	-0.89	-0.75	-0.66
2180.00	2210.00	-0.97	-0.74	-0.62
2280.00	2310.00	-0.92	-0.67	-0.54
2400.00	2430.00	-0.85	-0.59	-0.49
2500.00	2530.00	-0.85	-0.62	-0.49
2620.00	2650.00	-0.95	-0.69	-0.54
2720.00	2750.00	-0.95	-0.81	-0.64
2840.00	2870.00	-0.99	-0.99	-0.82
2940.00	2970.00	-1.10	-1.14	-1.01
3060.00	3090.00	-1.23	-1.26	-1.24
3160.00	3190.00	-1.18	-1.12	-1.14
3280.00	3310.00	-1.21	-1.02	-1.03
3380.00	3410.00	-1.34	-1.07	-1.04
3500.00	3530.00	-1.57	-1.21	-1.15
3600.00	3630.00	-1.61	-1.20	-1.08
3720.00	3750.00	-1.70	-1.22	-1.02
3820.00	3850.00	-1.76	-1.16	-0.90
3940.00	3970.00	-1.95	-1.19	-0.81
4040.00	4070.00	-2.07	-1.12	-0.70
4160.00	4190.00	-2.01	-1.09	-0.59
4260.00	4290.00	-1.56	-1.04	-0.59

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2010.1MHz (dB) @LO (dBm) +7
1410.10	600.00	9.03
1370.10	640.00	8.76
1330.10	680.00	8.52
1290.10	720.00	8.37
1250.10	760.00	8.06
1210.10	800.00	7.84
1170.10	840.00	7.74
1130.10	880.00	7.57
1090.10	920.00	7.43
1050.10	960.00	7.01
1010.10	1000.00	6.58
970.10	1040.00	6.37
930.10	1080.00	6.54
890.10	1120.00	6.81
850.10	1160.00	7.16
810.10	1200.00	7.38
770.10	1240.00	7.52
730.10	1280.00	7.67
690.10	1320.00	7.55
650.10	1360.00	7.46
610.10	1400.00	7.41
570.10	1440.00	7.40
530.10	1480.00	7.45
490.10	1520.00	7.40
450.10	1560.00	7.48
430.10	1580.00	7.42
390.10	1620.00	7.45
370.10	1640.00	7.49
330.10	1680.00	7.43
310.10	1700.00	7.32
270.10	1740.00	7.06
250.10	1760.00	7.07
210.10	1800.00	6.93
190.10	1820.00	6.98
150.10	1860.00	7.01
130.10	1880.00	6.91
90.10	1920.00	6.97
70.10	1940.00	7.01
30.10	1980.00	6.94
10.10	2000.00	7.52

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=289.9MHz (dB) @LO (dBm) +7
10.10	300.00	5.95
50.10	340.00	5.58
90.10	380.00	5.55
130.10	420.00	5.62
170.10	460.00	5.54
210.10	500.00	5.53
250.10	540.00	5.58
290.10	580.00	5.55
330.10	620.00	5.58
370.10	660.00	5.47
410.10	700.00	5.47
470.10	760.00	5.32
510.10	800.00	5.34
570.10	860.00	5.44
610.10	900.00	5.50
670.10	960.00	5.63
710.10	1000.00	5.74
770.10	1060.00	5.69
810.10	1100.00	5.74
870.10	1160.00	5.46
910.10	1200.00	5.38
970.10	1260.00	5.32
1010.10	1300.00	5.42
1070.10	1360.00	5.38
1110.10	1400.00	5.48
1170.10	1460.00	5.67
1210.10	1500.00	5.79
1270.10	1560.00	6.22
1310.10	1600.00	6.45
1370.10	1660.00	6.93
1410.10	1700.00	7.20
1470.10	1760.00	7.50
1510.10	1800.00	7.85
1570.10	1860.00	8.22
1610.10	1900.00	8.56
1670.10	1960.00	9.30
1710.10	2000.00	9.62
1770.10	2060.00	10.76
1810.10	2100.00	11.50
1870.10	2160.00	13.10

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4010.1MHz (dB) @LO (dBm) +7
1810.10	2200.00	13.44
1770.10	2240.00	12.50
1730.10	2280.00	11.66
1690.10	2320.00	11.01
1650.10	2360.00	10.35
1610.10	2400.00	9.81
1570.10	2440.00	9.52
1530.10	2480.00	9.22
1490.10	2520.00	9.04
1450.10	2560.00	8.92
1410.10	2600.00	8.85
1370.10	2640.00	8.68
1330.10	2680.00	8.58
1290.10	2720.00	8.52
1250.10	2760.00	8.45
1210.10	2800.00	8.39
1170.10	2840.00	8.36
1110.10	2900.00	8.31
1070.10	2940.00	8.27
1010.10	3000.00	8.27
970.10	3040.00	8.26
910.10	3100.00	8.27
870.10	3140.00	8.22
810.10	3200.00	8.04
770.10	3240.00	7.94
710.10	3300.00	7.84
670.10	3340.00	7.82
610.10	3400.00	7.80
570.10	3440.00	7.79
510.10	3500.00	7.74
470.10	3540.00	7.71
410.10	3600.00	7.82
370.10	3640.00	7.75
310.10	3700.00	7.79
270.10	3740.00	7.82
210.10	3800.00	7.90
170.10	3840.00	8.00
110.10	3900.00	8.03
70.10	3940.00	8.03
10.10	4000.00	8.36

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+4	+7	+10	+4	+7	+10
150.00	65.89	64.06	62.77	45.13	43.52	40.85
250.00	58.30	54.31	53.18	37.70	36.33	36.18
350.00	49.36	50.04	51.05	33.50	33.50	33.88
450.00	46.23	48.09	50.07	32.14	32.21	32.47
550.00	44.64	46.39	48.01	30.59	31.07	31.80
650.00	43.66	45.12	46.15	31.06	30.84	31.00
750.00	41.39	42.45	43.29	30.63	30.37	30.45
850.00	41.32	42.90	44.03	30.52	29.52	29.08
950.00	41.22	42.81	44.07	30.37	28.85	27.51
1050.00	44.48	46.25	47.54	29.57	27.01	25.28
1150.00	43.51	45.27	46.55	21.11	20.53	20.10
1250.00	46.43	49.86	49.99	18.54	18.05	17.40
1350.00	53.73	62.76	51.14	16.48	16.04	15.59
1450.00	47.03	52.17	51.15	14.84	14.47	14.05
1550.00	40.03	41.95	41.36	13.84	13.64	13.13
1650.00	37.56	38.54	38.19	13.30	13.08	12.71
1770.00	38.12	39.27	39.07	12.28	12.39	12.12
1870.00	37.60	39.68	40.13	11.74	11.88	11.81
1990.00	38.89	41.69	42.83	11.22	11.60	11.69
2090.00	43.05	45.23	44.85	11.08	11.40	11.52
2210.00	49.63	52.49	45.83	11.05	11.32	11.43
2310.00	52.51	51.67	44.10	11.01	11.39	11.51
2430.00	45.81	49.37	43.97	11.07	11.46	11.59
2530.00	44.23	46.13	41.79	10.89	11.22	11.34
2650.00	41.94	42.78	39.25	10.76	11.25	11.32
2750.00	40.65	40.78	37.41	10.47	10.93	11.28
2870.00	39.21	39.28	35.80	10.15	10.57	10.90
2970.00	37.81	36.45	33.45	9.86	10.13	10.44
3090.00	35.14	33.16	29.53	9.34	9.61	9.64
3190.00	33.97	31.55	28.24	9.59	9.86	10.00
3310.00	36.45	31.58	27.87	10.04	10.64	11.29
3410.00	36.57	31.34	27.87	10.31	11.40	12.54
3530.00	34.91	30.70	27.97	10.88	12.35	13.80
3630.00	33.10	30.06	28.20	11.71	13.14	14.39
3750.00	31.80	30.31	28.93	12.87	13.87	14.53
3850.00	30.88	30.25	29.56	13.71	14.23	14.49
3970.00	29.99	30.25	30.07	14.15	14.28	14.30
4070.00	29.95	30.47	30.58	14.50	14.24	14.21
4190.00	30.45	31.58	31.99	14.57	14.42	14.40
4290.00	31.08	32.49	33.31	14.83	14.86	14.87

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+4	+7	+10
120.00	150.00	26.57	26.98	27.55
220.00	250.00	24.24	23.89	23.77
320.00	350.00	23.25	22.97	22.90
420.00	450.00	23.04	22.76	22.55
520.00	550.00	23.21	22.85	22.68
620.00	650.00	23.71	23.39	23.19
720.00	750.00	24.35	24.05	23.88
820.00	850.00	24.81	24.43	24.18
920.00	950.00	24.63	24.12	23.78
1020.00	1050.00	23.80	23.29	22.92
1120.00	1150.00	22.62	22.30	22.04
1220.00	1250.00	22.26	22.05	21.85
1320.00	1350.00	22.60	22.46	22.38
1420.00	1450.00	23.91	23.80	23.73
1520.00	1550.00	24.36	24.08	23.96
1620.00	1650.00	24.14	23.85	23.75
1740.00	1770.00	25.76	25.44	25.37
1840.00	1870.00	26.98	26.69	26.59
1960.00	1990.00	27.80	27.58	27.46
2060.00	2090.00	28.24	28.05	27.93
2180.00	2210.00	28.31	28.10	28.08
2280.00	2310.00	28.24	28.08	28.07
2400.00	2430.00	28.27	28.21	28.13
2500.00	2530.00	28.30	28.16	28.15
2620.00	2650.00	28.59	28.40	28.41
2720.00	2750.00	28.71	28.42	28.36
2840.00	2870.00	28.94	28.65	28.27
2940.00	2970.00	28.72	28.18	27.58
3060.00	3090.00	27.76	26.67	25.76
3160.00	3190.00	28.32	26.90	25.66
3280.00	3310.00	30.61	28.81	27.41
3380.00	3410.00	31.99	30.24	29.04
3500.00	3530.00	30.77	29.50	28.78
3600.00	3630.00	28.25	27.61	27.12
3720.00	3750.00	25.19	24.93	24.70
3820.00	3850.00	22.89	22.62	22.49
3940.00	3970.00	20.69	20.55	20.45
4040.00	4070.00	19.39	19.28	19.15
4160.00	4190.00	18.16	18.18	18.15
4260.00	4290.00	17.44	17.55	17.64

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+4	+7	+10
120.00	150.00	15.26	9.90	6.68
220.00	250.00	3.51	3.04	2.88
320.00	350.00	2.05	1.97	1.92
420.00	450.00	1.54	1.47	1.44
520.00	550.00	1.32	1.25	1.20
620.00	650.00	1.31	1.22	1.16
720.00	750.00	1.54	1.42	1.34
820.00	850.00	2.19	1.98	1.85
920.00	950.00	2.96	2.71	2.48
1020.00	1050.00	3.21	3.00	2.84
1120.00	1150.00	3.40	3.27	3.18
1220.00	1250.00	3.38	3.36	3.33
1320.00	1350.00	3.24	3.23	3.24
1420.00	1450.00	3.05	3.01	3.00
1520.00	1550.00	2.61	2.51	2.45
1620.00	1650.00	2.93	2.72	2.58
1740.00	1770.00	3.24	3.06	2.95
1840.00	1870.00	3.45	3.27	3.16
1960.00	1990.00	3.90	3.67	3.50
2060.00	2090.00	4.08	3.79	3.60
2180.00	2210.00	4.18	3.86	3.66
2280.00	2310.00	4.09	3.77	3.57
2400.00	2430.00	3.80	3.46	3.25
2500.00	2530.00	3.82	3.43	3.18
2620.00	2650.00	3.78	3.32	3.07
2720.00	2750.00	3.73	3.16	2.89
2840.00	2870.00	3.87	3.04	2.67
2940.00	2970.00	3.73	2.89	2.42
3060.00	3090.00	3.08	2.47	2.11
3160.00	3190.00	2.43	2.04	1.82
3280.00	3310.00	1.96	1.66	1.48
3380.00	3410.00	1.68	1.42	1.27
3500.00	3530.00	1.40	1.21	1.09
3600.00	3630.00	1.16	1.02	1.09
3720.00	3750.00	1.15	1.28	1.41
3820.00	3850.00	1.45	1.59	1.73
3940.00	3970.00	1.91	2.06	2.23
4040.00	4070.00	2.29	2.45	2.64
4160.00	4190.00	2.73	2.83	2.99
4260.00	4290.00	3.35	3.33	3.42

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+4	+7	+10
150.00	20.95	18.50	13.81
250.00	8.64	6.63	6.81
350.00	4.05	4.59	5.61
450.00	3.03	3.90	5.04
550.00	2.62	3.51	4.60
650.00	2.38	3.19	4.17
750.00	2.26	2.95	3.79
850.00	2.17	2.74	3.47
950.00	1.96	2.46	3.10
1050.00	1.68	2.11	2.69
1150.00	1.50	1.89	2.44
1250.00	1.45	1.81	2.31
1350.00	1.47	1.81	2.29
1450.00	1.52	1.87	2.34
1550.00	1.60	1.96	2.44
1650.00	1.67	2.05	2.55
1770.00	1.84	2.16	2.63
1870.00	2.08	2.33	2.75
1990.00	2.36	2.52	2.85
2090.00	2.65	2.70	2.98
2210.00	3.06	2.94	3.14
2310.00	3.47	3.12	3.19
2430.00	4.08	3.47	3.30
2530.00	4.52	3.62	3.33
2650.00	4.96	3.72	3.19
2750.00	5.25	3.88	3.10
2870.00	5.23	3.97	3.02
2970.00	5.02	3.88	3.01
3090.00	4.36	3.37	2.66
3190.00	3.91	2.91	2.16
3310.00	3.62	2.65	2.12
3410.00	3.40	2.71	2.48
3530.00	3.07	2.93	3.14
3630.00	3.00	3.26	3.71
3750.00	3.00	3.48	4.07
3850.00	3.29	3.93	4.51
3970.00	3.84	4.38	4.98
4070.00	4.48	4.91	5.38
4190.00	5.34	5.54	5.91
4290.00	6.17	6.13	6.32

IF (OUT) (MHz)	IF VSWR @LO=4010.1MHz (:1) @LO (dBm)		
	+4	+7	+10
10.00	2.38	2.07	1.85
70.00	2.39	2.10	1.87
130.00	2.38	2.10	1.88
190.00	2.27	2.02	1.82
250.00	2.19	1.96	1.78
310.00	2.14	1.91	1.74
350.00	2.05	1.83	1.68
410.00	2.02	1.79	1.65
450.00	1.92	1.69	1.57
510.00	1.88	1.67	1.57
550.00	1.79	1.57	1.48
610.00	1.76	1.56	1.50
650.00	1.68	1.48	1.42
710.00	1.66	1.47	1.44
750.00	1.62	1.42	1.38
810.00	1.56	1.39	1.39
850.00	1.53	1.34	1.35
910.00	1.45	1.31	1.35
950.00	1.41	1.25	1.31
1010.00	1.33	1.21	1.32
1050.00	1.30	1.16	1.27
1110.00	1.22	1.14	1.31
1150.00	1.20	1.11	1.29
1210.00	1.12	1.15	1.36
1250.00	1.09	1.17	1.38
1310.00	1.06	1.25	1.46
1350.00	1.08	1.31	1.53
1410.00	1.17	1.40	1.61
1450.00	1.23	1.48	1.69
1510.00	1.34	1.58	1.78
1550.00	1.42	1.68	1.88
1610.00	1.52	1.79	1.99
1650.00	1.63	1.91	2.10
1710.00	1.80	2.10	2.29
1750.00	1.94	2.24	2.42
1810.00	2.21	2.48	2.65
1850.00	2.37	2.65	2.80
1910.00	2.65	2.89	3.02
1950.00	2.86	3.08	3.19
2010.00	3.11	3.33	3.41

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+16	19	+0	30	14	46	33	50	35	53
1	-	19	+0	44	26	45	40	52	43	62	43	58
2	86	62	48	51	50	57	47	64	52	67	63	> 68
3	> 90	> 68	67	> 68	65	> 68	> 68	> 68	> 68	> 68	67	> 68
4	> 90	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68
5	> 90	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68
6	> 90	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68
7	> 90	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68
8	> 90	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68
9	> 90	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68
10	> 90	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68	> 68
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 2150.00 MHz; -14.00 dBm.**
LO IN: 2180.00 MHz; +7.00 dBm
IF OUT: 30.00 MHz; -22.46 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+6	30	10	42	28	66	52	64	46	72
1	-	19	+0	44	27	47	40	55	51	67	60	65
2	66	52	39	47	41	51	39	57	45	61	60	73
3	> 90	55	48	57	45	53	61	58	69	64	62	76
4	> 90	77	67	71	62	54	69	62	64	70	66	70
5	> 90	> 78	> 78	76	75	73	68	76	75	68	> 78	71
6	> 90	> 78	> 78	> 78	> 78	> 78	> 78	68	> 78	77	> 78	> 78
7	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
8	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
9	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
10	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 2150.00 MHz; -4.00 dBm.**
LO IN: 2180.00 MHz; +7.00 dBm
IF OUT: 30.00 MHz; -12.41 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 represent the Harmonics level of the RF input signal to the mixer.