

Frequency Mixer

ADE-R30WLH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=5dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+7	+10	+13			+7	+10	+13			+7	+10	+13
120.00	150.00	30.04	17.10	10.42	120.00	150.00	-4.44	2.59	12.66	120.00	150.00	14.17	4.39	0.46
220.00	250.00	9.16	6.99	6.60	220.00	250.00	8.39	18.35	16.91	220.00	250.00	-0.59	-0.86	-0.49
320.00	350.00	6.44	6.05	5.83	320.00	350.00	14.11	15.18	16.66	320.00	350.00	-1.69	-1.17	-0.86
420.00	450.00	6.06	5.74	5.53	420.00	450.00	12.95	14.09	15.80	420.00	450.00	-1.76	-1.32	-1.07
520.00	550.00	6.01	5.67	5.44	520.00	550.00	13.38	14.55	16.50	520.00	550.00	-1.72	-1.41	-1.18
620.00	650.00	5.85	5.59	5.39	620.00	650.00	12.20	14.01	18.02	620.00	650.00	-1.92	-1.58	-1.34
740.00	770.00	5.60	5.31	5.16	740.00	770.00	16.41	22.38	26.24	740.00	770.00	-2.65	-2.18	-1.84
840.00	870.00	6.14	5.52	5.18	840.00	870.00	7.23	9.94	13.24	840.00	870.00	-2.78	-2.52	-2.17
960.00	990.00	7.64	6.57	5.83	960.00	990.00	5.66	8.95	12.81	960.00	990.00	-1.77	-1.97	-1.97
1060.00	1090.00	7.14	6.23	5.66	1060.00	1090.00	7.89	10.81	13.27	1060.00	1090.00	-2.18	-2.24	-2.12
1180.00	1210.00	6.90	6.32	5.93	1180.00	1210.00	9.16	10.58	12.06	1180.00	1210.00	-2.07	-1.93	-1.77
1280.00	1310.00	7.03	6.65	6.40	1280.00	1310.00	12.33	13.58	14.26	1280.00	1310.00	-1.61	-1.46	-1.30
1400.00	1430.00	6.82	6.68	6.60	1400.00	1430.00	11.29	11.85	13.01	1400.00	1430.00	-1.26	-1.00	-0.83
1500.00	1530.00	6.51	6.35	6.30	1500.00	1530.00	13.46	13.47	14.15	1500.00	1530.00	-0.91	-0.68	-0.58
1620.00	1650.00	6.98	6.70	6.55	1620.00	1650.00	15.47	17.57	19.26	1620.00	1650.00	-1.08	-0.82	-0.64
1720.00	1750.00	7.36	6.91	6.68	1720.00	1750.00	17.49	17.64	21.04	1720.00	1750.00	-1.21	-1.05	-0.92
1840.00	1870.00	7.47	7.08	6.87	1840.00	1870.00	19.33	21.68	22.25	1840.00	1870.00	-1.30	-1.06	-0.91
1940.00	1970.00	7.77	7.30	7.04	1940.00	1970.00	16.19	17.21	18.54	1940.00	1970.00	-1.20	-1.04	-0.92
2060.00	2090.00	8.12	7.54	7.24	2060.00	2090.00	13.78	15.05	15.91	2060.00	2090.00	-1.07	-0.92	-0.79
2160.00	2190.00	8.40	7.71	7.36	2160.00	2190.00	15.26	16.18	16.51	2160.00	2190.00	-0.85	-0.75	-0.62
2280.00	2310.00	8.70	7.92	7.52	2280.00	2310.00	16.05	17.45	17.74	2280.00	2310.00	-0.64	-0.54	-0.43
2380.00	2410.00	8.92	8.05	7.62	2380.00	2410.00	14.23	15.28	16.40	2380.00	2410.00	-0.56	-0.46	-0.37
2500.00	2530.00	9.03	8.21	7.71	2500.00	2530.00	13.65	13.69	15.08	2500.00	2530.00	-0.45	-0.35	-0.29
2600.00	2630.00	9.11	8.26	7.79	2600.00	2630.00	13.10	13.25	14.26	2600.00	2630.00	-0.38	-0.29	-0.25
2720.00	2750.00	9.19	8.09	7.62	2720.00	2750.00	11.66	13.28	13.83	2720.00	2750.00	-0.53	-0.33	-0.29
2820.00	2850.00	9.27	7.91	7.46	2820.00	2850.00	11.36	13.74	15.11	2820.00	2850.00	-0.57	-0.48	-0.38
2940.00	2970.00	9.30	7.71	7.30	2940.00	2970.00	12.02	15.47	17.56	2940.00	2970.00	-0.64	-0.61	-0.46
3040.00	3070.00	9.20	7.62	7.24	3040.00	3070.00	13.18	16.15	16.52	3040.00	3070.00	-0.62	-0.75	-0.62
3160.00	3190.00	9.23	7.48	7.05	3160.00	3190.00	12.09	16.33	16.25	3160.00	3190.00	-0.49	-0.86	-0.73
3260.00	3290.00	8.57	7.18	6.81	3260.00	3290.00	12.83	14.64	15.95	3260.00	3290.00	-0.87	-0.88	-0.82
3380.00	3410.00	7.84	6.88	6.59	3380.00	3410.00	11.94	13.46	14.57	3380.00	3410.00	-1.14	-0.89	-0.85
3480.00	3510.00	7.44	6.68	6.43	3480.00	3510.00	11.72	13.00	14.13	3480.00	3510.00	-1.38	-1.09	-0.97
3600.00	3630.00	7.06	6.49	6.28	3600.00	3630.00	11.93	12.70	13.49	3600.00	3630.00	-1.74	-1.32	-1.13
3700.00	3730.00	6.96	6.47	6.25	3700.00	3730.00	11.75	12.53	13.10	3700.00	3730.00	-2.06	-1.50	-1.25
3820.00	3850.00	7.05	6.51	6.29	3820.00	3850.00	11.04	12.80	13.68	3820.00	3850.00	-2.68	-1.83	-1.49
3920.00	3950.00	7.30	6.67	6.38	3920.00	3950.00	10.33	12.69	14.84	3920.00	3950.00	-3.31	-2.09	-1.56
4040.00	4070.00	7.90	7.04	6.60	4040.00	4070.00	8.10	11.56	14.06	4040.00	4070.00	-4.27	-2.60	-1.67
4140.00	4170.00	8.67	7.57	6.97	4140.00	4170.00	5.99	10.15	13.11	4140.00	4170.00	-4.95	-3.04	-1.77
4260.00	4290.00	9.99	8.47	7.65	4260.00	4290.00	4.56	8.27	11.88	4260.00	4290.00	-5.13	-3.83	-2.26
4360.00	4390.00	11.43	9.27	8.27	4360.00	4390.00	5.13	7.34	11.33	4360.00	4390.00	-4.82	-4.27	-2.67



Frequency Mixer

ADE-R30WLH+

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2010.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=289.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
1410.10	600.00	9.40	10.10	300.00	6.55	1810.10	2200.00	11.11
1370.10	640.00	9.29	50.10	340.00	6.23	1770.10	2240.00	10.49
1330.10	680.00	9.17	90.10	380.00	6.20	1730.10	2280.00	9.99
1290.10	720.00	9.10	130.10	420.00	6.21	1690.10	2320.00	9.57
1250.10	760.00	8.90	170.10	460.00	6.24	1650.10	2360.00	9.21
1210.10	800.00	8.71	210.10	500.00	6.24	1610.10	2400.00	8.76
1170.10	840.00	8.52	250.10	540.00	6.22	1570.10	2440.00	8.39
1130.10	880.00	8.29	290.10	580.00	6.22	1530.10	2480.00	8.11
1090.10	920.00	7.91	330.10	620.00	6.16	1490.10	2520.00	7.91
1050.10	960.00	7.31	370.10	660.00	6.03	1450.10	2560.00	7.74
1010.10	1000.00	6.59	410.10	700.00	5.96	1410.10	2600.00	7.54
970.10	1040.00	6.29	470.10	760.00	5.83	1370.10	2640.00	7.38
930.10	1080.00	6.28	510.10	800.00	5.78	1330.10	2680.00	7.22
890.10	1120.00	6.30	570.10	860.00	5.72	1290.10	2720.00	7.06
850.10	1160.00	6.43	610.10	900.00	5.72	1250.10	2760.00	6.97
810.10	1200.00	6.57	670.10	960.00	5.85	1210.10	2800.00	6.85
770.10	1240.00	6.80	710.10	1000.00	5.97	1170.10	2840.00	6.76
730.10	1280.00	7.05	770.10	1060.00	6.05	1110.10	2900.00	6.62
690.10	1320.00	7.28	810.10	1100.00	6.14	1070.10	2940.00	6.55
650.10	1360.00	7.47	870.10	1160.00	6.30	1010.10	3000.00	6.44
610.10	1400.00	7.61	910.10	1200.00	6.28	970.10	3040.00	6.34
570.10	1440.00	7.70	970.10	1260.00	6.14	910.10	3100.00	6.24
530.10	1480.00	7.73	1010.10	1300.00	6.04	870.10	3140.00	6.25
490.10	1520.00	7.82	1070.10	1360.00	6.02	810.10	3200.00	6.25
450.10	1560.00	7.99	1110.10	1400.00	5.99	770.10	3240.00	6.18
430.10	1580.00	8.12	1170.10	1460.00	6.07	710.10	3300.00	6.10
390.10	1620.00	8.15	1210.10	1500.00	6.11	670.10	3340.00	6.08
370.10	1640.00	8.19	1270.10	1560.00	6.28	610.10	3400.00	6.03
330.10	1680.00	8.21	1310.10	1600.00	6.40	570.10	3440.00	6.00
310.10	1700.00	8.18	1370.10	1660.00	6.75	510.10	3500.00	5.99
270.10	1740.00	8.01	1410.10	1700.00	6.94	470.10	3540.00	5.98
250.10	1760.00	7.88	1470.10	1760.00	7.18	410.10	3600.00	6.06
210.10	1800.00	7.60	1510.10	1800.00	7.36	370.10	3640.00	6.06
190.10	1820.00	7.50	1570.10	1860.00	8.05	310.10	3700.00	6.15
150.10	1860.00	7.46	1610.10	1900.00	8.57	270.10	3740.00	6.20
130.10	1880.00	7.43	1670.10	1960.00	9.42	210.10	3800.00	6.38
90.10	1920.00	7.44	1710.10	2000.00	9.98	170.10	3840.00	6.47
70.10	1940.00	7.47	1770.10	2060.00	10.80	110.10	3900.00	6.64
30.10	1980.00	7.53	1810.10	2100.00	11.37	70.10	3940.00	6.70
10.10	2000.00	7.84	1870.10	2160.00	12.34	10.10	4000.00	7.21

Frequency Mixer

ADE-R30WLH+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)					@LO (dBm)		
	+7	+10	+13	+7	+10	+13			+7	+10	+13
150.00	68.07	70.11	68.36	52.29	51.72	50.31	120.00	150.00	36.88	31.79	42.38
250.00	54.35	55.00	55.64	43.19	41.71	41.23	220.00	250.00	27.25	26.62	28.95
350.00	48.85	51.10	53.56	36.30	36.54	36.56	320.00	350.00	25.17	24.78	25.65
450.00	46.57	49.81	53.25	33.67	33.86	33.95	420.00	450.00	24.07	23.81	24.43
550.00	45.09	47.81	50.67	31.26	32.60	33.66	520.00	550.00	24.01	23.82	24.37
650.00	45.24	48.14	50.72	29.84	30.42	30.93	620.00	650.00	24.54	24.20	25.10
770.00	42.38	44.14	45.75	28.27	29.98	31.50	740.00	770.00	25.63	25.33	26.12
870.00	42.25	44.34	45.93	27.48	29.04	30.56	840.00	870.00	27.96	27.41	28.40
990.00	41.24	43.31	45.35	27.87	29.04	29.46	960.00	990.00	33.07	31.46	36.17
1090.00	40.77	42.43	44.10	30.86	31.00	29.77	1060.00	1090.00	28.84	27.87	29.59
1210.00	43.44	46.52	49.16	20.02	20.93	21.33	1180.00	1210.00	26.32	26.12	26.59
1310.00	45.37	52.27	61.80	18.00	18.39	18.55	1280.00	1310.00	24.78	24.53	25.30
1430.00	44.65	53.58	62.52	15.85	16.16	16.13	1400.00	1430.00	25.23	24.72	25.74
1530.00	43.14	50.11	77.81	14.54	14.86	14.81	1500.00	1530.00	27.40	27.05	27.62
1650.00	41.07	47.73	66.06	13.93	14.37	14.37	1620.00	1650.00	29.08	29.00	29.05
1750.00	40.67	46.05	49.90	13.34	14.01	14.06	1720.00	1750.00	29.76	29.63	28.82
1870.00	41.43	46.42	49.32	12.48	13.36	13.84	1840.00	1870.00	31.68	31.46	31.80
1970.00	40.47	45.49	49.69	12.43	13.49	14.08	1940.00	1970.00	32.65	32.23	32.68
2090.00	38.81	43.30	47.44	12.65	13.68	14.30	2060.00	2090.00	32.80	32.70	33.75
2190.00	39.22	44.51	50.46	12.63	13.71	14.37	2160.00	2190.00	31.34	31.31	31.57
2310.00	39.61	43.42	45.80	12.42	13.55	14.37	2280.00	2310.00	30.69	30.37	30.13
2410.00	39.37	42.37	43.66	12.43	13.46	14.31	2380.00	2410.00	29.45	29.62	29.22
2530.00	38.67	40.68	41.11	12.32	13.46	14.04	2500.00	2530.00	28.52	28.83	28.67
2630.00	38.62	40.28	39.98	12.25	13.29	13.91	2600.00	2630.00	28.16	28.23	28.24
2750.00	38.31	39.37	38.48	12.04	13.00	13.77	2720.00	2750.00	27.73	27.82	27.80
2850.00	38.25	39.14	37.51	11.59	12.55	13.37	2820.00	2850.00	27.45	27.17	27.33
2970.00	38.10	39.78	37.37	11.31	11.97	12.90	2940.00	2970.00	26.92	27.09	27.17
3070.00	37.86	41.06	38.68	10.65	11.07	11.72	3040.00	3070.00	26.72	26.68	26.90
3190.00	36.90	40.13	41.11	10.26	10.49	10.63	3160.00	3190.00	27.22	27.80	26.70
3290.00	39.33	41.89	41.33	10.79	10.92	10.95	3260.00	3290.00	29.71	30.85	27.88
3410.00	46.63	43.93	41.68	11.58	11.96	12.38	3380.00	3410.00	34.58	35.92	32.13
3510.00	45.64	42.45	40.80	11.96	12.94	13.95	3480.00	3510.00	36.09	36.84	33.25
3630.00	41.38	40.09	39.39	12.77	14.32	15.91	3600.00	3630.00	32.56	32.91	31.41
3730.00	38.39	38.13	37.92	13.85	15.65	17.37	3700.00	3730.00	29.67	30.10	29.03
3850.00	36.45	36.86	37.30	14.96	16.70	18.23	3820.00	3850.00	26.75	26.86	26.65
3950.00	36.15	36.77	37.37	15.96	17.46	18.80	3920.00	3950.00	25.48	25.36	25.84
4070.00	38.22	38.40	38.89	18.21	18.41	19.22	4040.00	4070.00	25.19	24.74	25.43
4170.00	40.68	41.22	41.05	20.55	19.41	19.47	4140.00	4170.00	24.59	24.43	24.96
4290.00	43.57	46.47	46.61	23.50	21.33	20.44	4260.00	4290.00	23.60	23.58	24.00
4390.00	44.76	49.37	54.04	25.16	23.12	21.46	4360.00	4390.00	22.50	22.48	22.57



Frequency Mixer

ADE-R30WLH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=4010.1MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
120.00	150.00	28.96	15.67	9.13	150.00	51.10	45.72	28.96	10.00	1.86	1.56	1.42
220.00	250.00	4.96	3.67	3.40	250.00	18.50	9.48	8.16	70.00	1.87	1.57	1.42
320.00	350.00	2.44	2.29	2.23	350.00	5.20	5.16	6.03	130.00	1.92	1.60	1.43
420.00	450.00	1.84	1.77	1.73	450.00	3.37	4.14	5.27	190.00	2.01	1.64	1.44
520.00	550.00	1.48	1.43	1.40	550.00	2.69	3.60	4.75	250.00	2.09	1.65	1.43
620.00	650.00	1.32	1.27	1.22	650.00	2.34	3.23	4.29	310.00	2.13	1.64	1.40
740.00	770.00	1.31	1.23	1.17	770.00	2.12	2.87	3.78	350.00	2.19	1.64	1.38
840.00	870.00	1.78	1.62	1.52	870.00	2.07	2.69	3.45	410.00	2.22	1.63	1.37
960.00	990.00	2.94	2.63	2.39	990.00	1.84	2.35	3.00	450.00	2.22	1.61	1.34
1060.00	1090.00	3.25	2.95	2.72	1090.00	1.55	1.99	2.57	510.00	2.23	1.59	1.32
1180.00	1210.00	3.35	3.15	2.99	1210.00	1.39	1.73	2.24	550.00	2.21	1.57	1.29
1280.00	1310.00	3.41	3.29	3.18	1310.00	1.34	1.62	2.08	610.00	2.18	1.55	1.27
1400.00	1430.00	3.10	3.11	3.10	1430.00	1.30	1.59	2.03	650.00	2.16	1.52	1.25
1500.00	1530.00	2.75	2.69	2.68	1530.00	1.29	1.65	2.11	710.00	2.13	1.51	1.24
1620.00	1650.00	2.67	2.49	2.39	1650.00	1.38	1.82	2.31	750.00	2.09	1.47	1.23
1720.00	1750.00	3.20	2.99	2.84	1750.00	1.46	1.93	2.46	810.00	2.03	1.45	1.20
1840.00	1870.00	3.81	3.62	3.49	1870.00	1.63	2.10	2.68	850.00	1.99	1.42	1.19
1940.00	1970.00	4.15	3.93	3.78	1970.00	1.86	2.30	2.86	910.00	1.92	1.39	1.17
2060.00	2090.00	4.40	4.14	3.95	2090.00	2.10	2.46	2.98	950.00	1.87	1.36	1.15
2160.00	2190.00	4.73	4.40	4.17	2190.00	2.34	2.59	3.06	1010.00	1.82	1.34	1.13
2280.00	2310.00	4.64	4.32	4.09	2310.00	2.69	2.78	3.13	1050.00	1.77	1.30	1.12
2380.00	2410.00	4.66	4.30	4.06	2410.00	3.05	2.94	3.19	1110.00	1.71	1.27	1.09
2500.00	2530.00	4.74	4.37	4.10	2530.00	3.55	3.18	3.27	1150.00	1.68	1.24	1.08
2600.00	2630.00	4.77	4.37	4.08	2630.00	3.97	3.30	3.22	1210.00	1.64	1.22	1.07
2720.00	2750.00	5.07	4.54	4.19	2750.00	4.46	3.34	3.04	1250.00	1.63	1.21	1.10
2820.00	2850.00	4.93	4.27	3.91	2850.00	4.88	3.33	2.76	1310.00	1.62	1.21	1.12
2940.00	2970.00	4.73	3.87	3.50	2970.00	5.36	3.54	2.61	1350.00	1.61	1.24	1.18
3040.00	3070.00	4.51	3.62	3.22	3070.00	5.36	3.60	2.59	1410.00	1.62	1.28	1.25
3160.00	3190.00	4.11	3.37	2.92	3190.00	4.83	3.25	2.36	1450.00	1.64	1.34	1.33
3260.00	3290.00	3.76	3.17	2.83	3290.00	4.35	2.91	2.16	1510.00	1.67	1.43	1.43
3380.00	3410.00	3.28	2.82	2.57	3410.00	3.79	2.79	2.37	1550.00	1.71	1.53	1.54
3480.00	3510.00	2.88	2.52	2.34	3510.00	3.38	2.88	2.85	1610.00	1.76	1.65	1.70
3600.00	3630.00	2.56	2.25	2.12	3630.00	3.13	3.25	3.63	1650.00	1.82	1.78	1.85
3700.00	3730.00	2.29	2.03	1.91	3730.00	3.20	3.69	4.32	1710.00	1.87	1.94	2.04
3820.00	3850.00	2.04	1.84	1.74	3850.00	3.62	4.37	5.16	1750.00	1.95	2.11	2.24
3920.00	3950.00	1.85	1.70	1.66	3950.00	4.16	4.92	5.77	1810.00	2.04	2.31	2.46
4040.00	4070.00	1.67	1.65	1.72	4070.00	5.20	5.79	6.44	1850.00	2.18	2.52	2.69
4140.00	4170.00	1.52	1.61	1.78	4170.00	6.21	6.63	7.02	1910.00	2.34	2.75	2.95
4260.00	4290.00	1.30	1.55	1.83	4290.00	7.34	7.41	7.53	1950.00	2.56	3.01	3.21
4360.00	4390.00	1.20	1.54	1.87	4390.00	8.12	7.90	7.87	2010.00	2.75	3.23	3.45

REV. X2

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+14	24	4	30	16	46	30	45	49	52
1	-	24	+0	44	23	41	34	48	41	52	40	60
2	77	60	43	54	45	62	46	56	50	64	58	61
3	> 90	> 72	> 72	> 72	68	> 72	69	> 72	62	> 72	70	> 72
4	> 90	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72
5	> 90	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72
6	> 90	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72
7	> 90	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72
8	> 90	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72
9	> 90	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72
10	> 90	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72	> 72
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150.00 MHz; -10.00 dBm.
 LO IN: 2180.00 MHz; +10.00 dBm
 IF OUT: 30.00 MHz; -18.12 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+5	34	14	40	29	56	48	68	56	79
1	-	24	+0	46	23	42	40	54	46	63	54	78
2	58	51	34	46	36	71	39	59	43	64	55	76
3	> 90	53	47	53	48	60	54	65	49	62	61	71
4	> 90	65	68	63	55	56	60	61	60	61	59	69
5	> 90	77	65	> 82	79	66	68	71	70	72	65	73
6	> 90	81	> 82	77	> 82	73	72	67	> 82	71	78	69
7	> 90	> 82	> 82	> 82	81	> 82	> 82	77	78	> 82	79	81
8	> 90	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82	75	> 82	80
9	> 90	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82
10	> 90	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82	> 82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150.00 MHz; .00 dBm.
 LO IN: 2180.00 MHz; +10.00 dBm
 IF OUT: 30.00 MHz; -8.24 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.