

Frequency Mixer

ADE-R272MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+10	+13	+16
700.0	730.0	10.63	10.27	9.82
760.0	790.0	9.96	9.32	8.99
820.0	850.0	9.17	8.55	8.25
880.0	910.0	8.42	7.78	7.50
940.0	970.0	7.79	7.19	6.85
1000.0	1030.0	7.23	6.72	6.43
1060.0	1090.0	6.75	6.36	6.14
1120.0	1150.0	6.50	6.18	5.92
1180.0	1210.0	6.37	5.85	5.57
1240.0	1270.0	6.20	5.59	5.40
1300.0	1330.0	5.95	5.54	5.41
1360.0	1390.0	5.86	5.60	5.47
1420.0	1450.0	6.22	6.10	6.02
1480.0	1510.0	6.07	6.00	5.97
1560.0	1590.0	6.05	5.99	5.96
1620.0	1650.0	6.07	5.99	5.95
1700.0	1730.0	6.15	6.07	6.03
1760.0	1790.0	6.11	6.02	6.01
1840.0	1870.0	6.00	5.78	5.73
1900.0	1930.0	6.12	5.88	5.78
1980.0	2010.0	6.07	5.84	5.76
2040.0	2070.0	5.95	5.69	5.64
2120.0	2150.0	5.79	5.51	5.45
2180.0	2210.0	5.83	5.46	5.37
2260.0	2290.0	5.86	5.47	5.35
2320.0	2350.0	5.97	5.46	5.30
2400.0	2430.0	6.05	5.30	5.09
2460.0	2490.0	6.32	5.23	4.99
2540.0	2570.0	6.29	5.29	4.94
2600.0	2630.0	6.16	5.39	5.05
2680.0	2710.0	6.42	5.71	5.42
2740.0	2770.0	6.84	6.09	5.80
2820.0	2850.0	7.35	6.79	6.52
2880.0	2910.0	7.83	7.41	7.21
2960.0	2990.0	8.47	8.26	8.21
3020.0	3050.0	8.64	8.75	8.96
3100.0	3130.0	9.57	8.41	8.93
3160.0	3190.0	11.52	9.29	9.40
3240.0	3270.0	12.84	10.32	10.27
3300.0	3330.0	13.17	11.05	10.91

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
700.0	730.0	13.63	18.48	20.68
760.0	790.0	12.52	18.75	23.07
820.0	850.0	11.82	16.12	20.25
880.0	910.0	11.04	13.43	15.91
940.0	970.0	10.41	11.23	13.41
1000.0	1030.0	9.09	9.48	11.12
1060.0	1090.0	7.39	7.16	9.09
1120.0	1150.0	5.34	5.81	10.20
1180.0	1210.0	4.12	8.28	12.39
1240.0	1270.0	5.79	11.67	14.12
1300.0	1330.0	11.27	14.58	15.60
1360.0	1390.0	14.82	16.18	16.88
1420.0	1450.0	17.79	18.56	18.95
1480.0	1510.0	16.32	17.34	18.35
1560.0	1590.0	17.84	18.02	18.75
1620.0	1650.0	18.55	18.68	19.22
1700.0	1730.0	19.68	19.04	20.09
1760.0	1790.0	21.43	20.01	20.20
1840.0	1870.0	22.88	22.40	21.75
1900.0	1930.0	17.26	21.45	21.06
1980.0	2010.0	15.68	20.50	22.59
2040.0	2070.0	16.12	18.92	21.33
2120.0	2150.0	17.18	18.82	21.63
2180.0	2210.0	16.33	17.97	20.39
2260.0	2290.0	18.84	17.55	19.50
2320.0	2350.0	20.71	17.74	18.40
2400.0	2430.0	16.20	16.76	16.42
2460.0	2490.0	13.43	16.74	16.34
2540.0	2570.0	11.95	14.38	16.58
2600.0	2630.0	12.05	13.76	16.19
2680.0	2710.0	13.20	13.65	16.55
2740.0	2770.0	15.51	14.32	17.20
2820.0	2850.0	22.61	16.31	18.39
2880.0	2910.0	17.67	19.10	18.94
2960.0	2990.0	13.12	23.27	19.93
3020.0	3050.0	12.02	21.32	22.53
3100.0	3130.0	14.40	14.95	15.43
3160.0	3190.0	14.76	19.40	27.30
3240.0	3270.0	15.39	26.36	26.98
3300.0	3330.0	18.59	26.45	27.28

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=9dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
700.0	730.0	1.38	0.85	0.68
760.0	790.0	1.39	1.20	0.97
820.0	850.0	1.79	1.70	1.55
880.0	910.0	2.12	2.14	1.98
940.0	970.0	2.35	2.42	2.31
1000.0	1030.0	2.63	2.68	2.55
1060.0	1090.0	2.85	2.70	2.49
1120.0	1150.0	2.86	2.56	2.33
1180.0	1210.0	2.78	2.46	2.25
1240.0	1270.0	2.75	2.61	2.33
1300.0	1330.0	2.95	2.55	2.24
1360.0	1390.0	3.19	2.75	2.47
1420.0	1450.0	2.49	2.20	2.03
1480.0	1510.0	1.88	1.65	1.53
1560.0	1590.0	1.59	1.35	1.26
1620.0	1650.0	1.42	1.20	1.09
1700.0	1730.0	1.19	0.96	0.93
1760.0	1790.0	1.14	0.90	0.86
1840.0	1870.0	1.20	0.96	0.86
1900.0	1930.0	1.06	0.86	0.76
1980.0	2010.0	1.06	0.75	0.66
2040.0	2070.0	1.27	0.89	0.73
2120.0	2150.0	1.51	1.11	0.96
2180.0	2210.0	1.58	1.10	0.95
2260.0	2290.0	1.98	1.50	1.26
2320.0	2350.0	2.09	1.78	1.61
2400.0	2430.0	2.27	2.10	1.97
2460.0	2490.0	2.17	2.12	1.98
2540.0	2570.0	2.29	2.15	2.02
2600.0	2630.0	2.29	2.04	1.87
2680.0	2710.0	2.23	1.83	1.62
2740.0	2770.0	2.17	1.65	1.29
2820.0	2850.0	1.69	1.08	0.90
2880.0	2910.0	1.37	0.71	0.60
2960.0	2990.0	1.15	0.42	0.40
3020.0	3050.0	1.15	0.31	0.20
3100.0	3130.0	0.72	0.77	0.18
3160.0	3190.0	-0.29	0.48	0.23
3240.0	3270.0	-0.73	0.23	0.15
3300.0	3330.0	-0.51	0.14	0.11

REV. X2

ADE-R272MH+

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Frequency Mixer

ADE-R272MH+

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)=989.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2710.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
660.1	1350.0	8.00	10.1	1000.0	6.82	910.1	1800.0	10.07
640.1	1370.0	7.80	30.1	1020.0	6.79	890.1	1820.0	9.77
620.1	1390.0	7.76	50.1	1040.0	7.14	870.1	1840.0	9.43
600.1	1410.0	7.61	70.1	1060.0	7.47	850.1	1860.0	8.99
580.1	1430.0	7.37	90.1	1080.0	7.79	830.1	1880.0	8.59
560.1	1450.0	7.19	110.1	1100.0	8.19	810.1	1900.0	8.21
540.1	1470.0	6.97	130.1	1120.0	8.50	790.1	1920.0	7.78
520.1	1490.0	6.80	150.1	1140.0	8.47	770.1	1940.0	7.44
500.1	1510.0	6.61	170.1	1160.0	8.42	750.1	1960.0	7.06
480.1	1530.0	6.32	190.1	1180.0	8.26	730.1	1980.0	6.82
460.1	1550.0	6.17	210.1	1200.0	7.89	710.1	2000.0	6.70
440.1	1570.0	5.96	230.1	1220.0	7.70	690.1	2020.0	6.55
420.1	1590.0	5.80	250.1	1240.0	7.42	670.1	2040.0	6.48
400.1	1610.0	5.70	270.1	1260.0	7.11	650.1	2060.0	6.39
380.1	1630.0	5.65	290.1	1280.0	6.95	630.1	2080.0	6.37
370.1	1640.0	5.66	310.1	1300.0	6.73	610.1	2100.0	6.36
350.1	1660.0	5.71	330.1	1320.0	6.59	590.1	2120.0	6.33
340.1	1670.0	5.72	350.1	1340.0	6.68	570.1	2140.0	6.34
320.1	1690.0	5.72	370.1	1360.0	6.71	550.1	2160.0	6.37
310.1	1700.0	5.70	390.1	1380.0	6.77	530.1	2180.0	6.34
290.1	1720.0	5.70	410.1	1400.0	6.91	510.1	2200.0	6.38
280.1	1730.0	5.69	430.1	1420.0	6.98	490.1	2220.0	6.34
260.1	1750.0	5.75	450.1	1440.0	7.03	470.1	2240.0	6.30
250.1	1760.0	5.75	470.1	1460.0	7.09	450.1	2260.0	6.34
230.1	1780.0	5.77	490.1	1480.0	7.17	430.1	2280.0	6.40
220.1	1790.0	5.77	510.1	1500.0	7.37	410.1	2300.0	6.40
200.1	1810.0	5.86	530.1	1520.0	7.45	390.1	2320.0	6.37
190.1	1820.0	5.90	550.1	1540.0	7.64	370.1	2340.0	6.30
170.1	1840.0	6.03	590.1	1580.0	7.93	330.1	2380.0	6.20
160.1	1850.0	6.10	610.1	1600.0	8.19	310.1	2400.0	6.09
140.1	1870.0	6.25	650.1	1640.0	8.48	270.1	2440.0	5.93
130.1	1880.0	6.23	670.1	1660.0	8.67	250.1	2460.0	5.98
110.1	1900.0	6.13	710.1	1700.0	8.81	210.1	2500.0	5.93
100.1	1910.0	6.08	730.1	1720.0	8.88	190.1	2520.0	5.97
80.1	1930.0	6.02	770.1	1760.0	9.10	150.1	2560.0	6.00
70.1	1940.0	5.97	790.1	1780.0	9.17	130.1	2580.0	6.03
50.1	1960.0	5.93	830.1	1820.0	9.47	90.1	2620.0	5.93
40.1	1970.0	5.89	850.1	1840.0	9.55	70.1	2640.0	5.89
20.1	1990.0	5.87	890.1	1880.0	10.08	30.1	2680.0	5.93
10.1	2000.0	6.05	910.1	1900.0	10.33	10.1	2700.0	6.22

Frequency Mixer

ADE-R272MH+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
730.0	23.5	24.94	25.72	10.23	11.6	12.4
790.0	23.1	24.48	25.48	9.93	11.4	12.3
850.0	23.5	25.09	26.11	10.28	11.8	12.7
910.0	24.1	25.67	26.65	10.94	12.4	13.0
970.0	25.1	26.22	26.97	11.86	13.0	13.4
1030.0	26.5	27.38	27.84	12.90	13.7	13.9
1090.0	28.0	28.59	28.90	13.89	14.2	14.3
1150.0	29.2	29.64	29.87	14.81	14.8	14.7
1210.0	29.6	29.64	29.73	15.79	15.5	15.3
1270.0	30.2	30.12	30.04	16.77	16.3	15.8
1330.0	30.1	30.22	30.10	17.76	17.2	16.6
1390.0	30.3	30.43	30.23	18.89	18.0	17.2
1450.0	34.8	32.77	31.37	20.46	19.1	18.2
1510.0	34.8	32.56	31.03	21.84	20.2	18.9
1590.0	33.4	32.30	31.05	22.30	20.8	19.6
1650.0	34.3	32.76	31.41	22.89	21.4	20.2
1730.0	35.5	33.19	31.86	23.52	21.9	21.0
1790.0	36.1	33.60	32.16	24.03	22.6	21.6
1870.0	36.1	33.69	32.48	24.44	23.2	22.5
1930.0	36.3	33.81	32.33	24.69	23.8	22.9
2010.0	36.5	34.08	32.54	24.90	24.4	23.7
2070.0	36.1	33.99	32.73	25.26	24.8	24.4
2150.0	34.7	33.04	32.09	25.81	25.5	25.2
2210.0	36.3	34.22	33.15	26.36	26.3	25.9
2290.0	39.9	37.67	35.57	26.63	27.1	26.9
2350.0	36.8	36.58	36.17	26.85	27.5	27.6
2430.0	35.0	34.50	34.59	27.36	27.9	28.3
2490.0	34.2	33.51	33.65	27.69	28.4	29.0
2570.0	33.2	33.30	33.34	28.21	29.1	29.8
2630.0	32.8	33.21	33.38	28.64	29.7	30.6
2710.0	32.6	33.33	33.40	29.24	30.4	31.4
2770.0	32.7	33.60	33.81	29.69	30.9	32.0
2850.0	32.9	34.05	34.62	30.22	31.5	32.9
2910.0	33.2	34.33	35.30	30.66	31.9	33.4
2990.0	33.6	34.43	36.40	31.40	32.6	34.5
3050.0	33.9	34.08	36.05	31.57	33.0	34.9
3130.0	34.7	35.02	35.52	32.11	33.6	35.6
3190.0	35.3	36.43	37.14	32.35	33.8	36.0
3270.0	36.0	37.59	39.09	32.82	34.1	36.5
3330.0	36.4	38.07	40.05	33.13	34.6	37.0

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
700.0	730.0	13.40	13.92	14.01
760.0	790.0	12.75	13.13	13.23
820.0	850.0	12.06	12.43	12.42
880.0	910.0	11.32	11.53	11.54
940.0	970.0	10.92	11.00	11.02
1000.0	1030.0	10.78	10.72	10.75
1060.0	1090.0	10.98	10.76	10.47
1120.0	1150.0	11.40	11.00	10.47
1180.0	1210.0	11.40	10.52	10.04
1240.0	1270.0	10.52	9.68	9.40
1300.0	1330.0	9.40	9.01	8.80
1360.0	1390.0	8.49	8.40	8.34
1420.0	1450.0	7.75	7.66	7.65
1480.0	1510.0	7.72	7.60	7.57
1560.0	1590.0	7.78	7.75	7.71
1620.0	1650.0	7.89	7.88	7.91
1700.0	1730.0	8.18	8.33	8.36
1760.0	1790.0	8.57	8.74	8.87
1840.0	1870.0	9.15	9.38	9.59
1900.0	1930.0	9.79	10.06	10.27
1980.0	2010.0	10.99	11.30	11.57
2040.0	2070.0	11.87	12.34	12.61
2120.0	2150.0	13.10	13.61	13.93
2180.0	2210.0	14.20	14.69	15.08
2260.0	2290.0	16.00	16.39	16.61
2320.0	2350.0	17.24	17.63	17.82
2400.0	2430.0	19.60	19.85	19.95
2460.0	2490.0	21.94	21.73	21.64
2540.0	2570.0	24.64	23.79	23.23
2600.0	2630.0	25.14	24.03	23.62
2680.0	2710.0	25.73	24.50	24.12
2740.0	2770.0	26.84	25.58	25.20
2820.0	2850.0	29.36	28.29	27.95
2880.0	2910.0	33.67	32.38	32.00
2960.0	2990.0	55.12	52.86	49.75
3020.0	3050.0	34.15	35.47	35.95
3100.0	3130.0	26.82	27.33	27.89
3160.0	3190.0	23.83	24.20	24.47
3240.0	3270.0	21.12	21.41	21.62
3300.0	3330.0	19.50	19.78	19.95

REV. X2

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Mini-Circuits®

IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

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Frequency Mixer

ADE-R272MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=700MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
700.0	730.0	11.46	11.46	11.09	730.0	2.0	1.54	1.98	10.0	2.52	1.81	1.47
760.0	790.0	8.27	8.12	7.94	790.0	1.8	1.48	1.96	30.2	2.45	1.75	1.41
820.0	850.0	7.63	7.31	7.08	850.0	1.6	1.44	1.99	50.4	2.42	1.74	1.41
880.0	910.0	6.26	5.99	5.47	910.0	1.5	1.46	2.06	70.6	2.44	1.75	1.42
940.0	970.0	4.95	4.68	4.23	970.0	1.4	1.48	2.09	90.8	2.46	1.77	1.44
1000.0	1030.0	4.57	4.28	3.89	1030.0	1.4	1.56	2.20	111.0	2.42	1.74	1.40
1060.0	1090.0	3.32	3.11	2.87	1090.0	1.3	1.60	2.23	131.2	2.29	1.65	1.33
1120.0	1150.0	2.62	2.46	2.38	1150.0	1.3	1.64	2.28	151.4	2.24	1.63	1.31
1180.0	1210.0	2.03	1.92	1.93	1210.0	1.4	1.67	2.30	171.6	2.19	1.60	1.29
1240.0	1270.0	1.49	1.57	1.64	1270.0	1.4	1.61	2.26	191.8	2.17	1.58	1.27
1300.0	1330.0	1.50	1.61	1.70	1330.0	1.3	1.59	2.32	212.0	2.06	1.50	1.21
1360.0	1390.0	1.53	1.56	1.60	1390.0	1.2	1.54	2.28	232.2	1.97	1.44	1.18
1420.0	1450.0	1.96	2.04	2.07	1450.0	1.1	1.56	2.32	252.5	1.92	1.42	1.19
1480.0	1510.0	1.91	2.04	2.12	1510.0	1.1	1.60	2.36	272.7	1.87	1.38	1.17
1560.0	1590.0	2.01	2.14	2.24	1590.0	1.3	1.65	2.37	292.9	1.81	1.35	1.20
1620.0	1650.0	2.25	2.37	2.45	1650.0	1.5	1.72	2.42	313.1	1.73	1.30	1.22
1700.0	1730.0	2.48	2.61	2.68	1730.0	1.7	1.85	2.51	333.3	1.66	1.29	1.31
1760.0	1790.0	2.34	2.43	2.53	1790.0	1.8	1.89	2.50	353.5	1.64	1.28	1.32
1840.0	1870.0	2.45	2.43	2.45	1870.0	2.0	1.96	2.49	373.7	1.55	1.26	1.39
1900.0	1930.0	2.79	2.76	2.76	1930.0	2.2	2.05	2.57	393.9	1.54	1.30	1.46
1980.0	2010.0	2.71	2.68	2.68	2010.0	2.5	2.16	2.59	434.3	1.46	1.36	1.62
2040.0	2070.0	2.48	2.39	2.36	2070.0	2.6	2.18	2.51	454.5	1.42	1.40	1.70
2120.0	2150.0	2.49	2.31	2.24	2150.0	2.8	2.26	2.53	494.9	1.39	1.50	1.86
2180.0	2210.0	2.39	2.18	2.10	2210.0	3.3	2.42	2.62	515.1	1.38	1.54	1.93
2260.0	2290.0	2.10	1.87	1.75	2290.0	3.8	2.62	2.62	555.5	1.39	1.66	2.09
2320.0	2350.0	2.31	1.97	1.81	2350.0	4.2	2.80	2.68	575.7	1.39	1.71	2.16
2400.0	2430.0	2.46	2.02	1.81	2430.0	4.7	2.99	2.75	616.1	1.48	1.89	2.38
2460.0	2490.0	2.28	1.86	1.68	2490.0	5.2	3.12	2.73	636.3	1.52	1.96	2.46
2540.0	2570.0	1.96	1.70	1.59	2570.0	5.9	3.29	2.70	676.7	1.58	2.06	2.56
2600.0	2630.0	1.94	1.78	1.71	2630.0	6.3	3.44	2.72	696.9	1.68	2.19	2.71
2680.0	2710.0	2.13	2.15	2.15	2710.0	7.2	3.67	2.71	737.4	1.80	2.34	2.84
2740.0	2770.0	2.52	2.73	2.81	2770.0	7.7	3.75	2.61	757.6	1.86	2.38	2.89
2820.0	2850.0	3.13	3.49	3.62	2850.0	8.3	3.87	2.55	798.0	2.02	2.56	3.03
2880.0	2910.0	3.73	4.10	4.24	2910.0	8.9	3.98	2.54	818.2	2.08	2.63	3.11
2960.0	2990.0	5.00	5.58	5.79	2990.0	9.7	4.05	2.43	858.6	2.21	2.73	3.16
3020.0	3050.0	6.17	6.94	7.63	3050.0	10.2	4.09	2.33	878.8	2.26	2.78	3.19
3100.0	3130.0	6.91	6.53	7.25	3130.0	10.8	4.12	2.25	919.2	2.47	2.98	3.36
3160.0	3190.0	8.90	7.73	7.76	3190.0	11.1	4.16	2.14	939.4	2.50	2.98	3.31
3240.0	3270.0	13.60	11.38	11.09	3270.0	11.6	4.42	2.13	979.8	2.64	3.10	3.39
3300.0	3330.0	11.09	10.07	9.85	3330.0	12.6	4.57	2.20	1000.0	2.81	3.26	3.52

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	30	14	25	23	38	38	51	49	55
1	-	8	+0	38	35	40	43	37	52	58	53	60
2	71	> 78	64	54	63	76	56	57	58	71	63	72
3	> 90	70	> 78	73	63	74	> 78	> 78	> 78	72	> 78	> 78
4	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
5	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
6	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 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: 2000.00 MHz; -6.00 dBm.
LO IN: 2030.00 MHz; +13.00 dBm
IF OUT: 30.00 MHz; -11.59 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	40	24	36	37	56	59	75	66	79
1	-	8	+0	40	35	43	55	42	57	62	63	64
2	51	71	57	50	56	64	49	50	51	67	60	73
3	84	50	60	53	42	55	65	60	74	56	71	74
4	> 90	76	81	> 88	72	62	71	> 88	64	64	67	83
5	> 90	77	74	77	86	74	63	75	88	78	74	73
6	> 90	> 88	> 88	> 88	> 88	> 88	> 88	82	> 88	> 88	79	77
7	> 90	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 74	> 88	> 88	> 88
8	> 90	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 86	> 88	> 88
9	> 90	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88
10	> 90	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88	> 88
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 2000.00 MHz; +4.00 dBm.
LO IN: 2030.00 MHz; +13.00 dBm
IF OUT: 30.00 MHz; -1.74 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 represent the Harmonics level of the RF input signal to the mixer.