

Frequency Mixer

ADE-ED12873/14

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
1240.0	1270.0	11.62	10.62	10.25
1320.0	1350.0	10.38	9.49	9.22
1400.0	1430.0	9.26	8.57	8.35
1480.0	1510.0	8.37	7.86	7.69
1560.0	1590.0	7.76	7.38	7.34
1640.0	1670.0	7.24	6.97	6.81
1720.0	1750.0	6.84	6.51	6.25
1800.0	1830.0	6.49	6.07	5.74
1880.0	1910.0	6.21	5.74	5.40
1960.0	1990.0	5.92	5.47	5.16
2040.0	2070.0	5.82	5.36	5.11
2120.0	2150.0	5.85	5.59	5.43
2200.0	2230.0	5.60	5.45	5.38
2260.0	2290.0	5.36	5.22	5.18
2340.0	2370.0	5.33	5.15	5.10
2400.0	2430.0	5.33	5.14	5.11
2480.0	2510.0	5.30	5.08	5.01
2540.0	2570.0	5.28	5.04	4.95
2620.0	2650.0	5.36	5.12	5.03
2680.0	2710.0	5.42	5.18	5.08
2760.0	2790.0	5.38	5.17	5.08
2820.0	2850.0	5.38	5.14	5.05
2900.0	2930.0	5.46	5.20	5.10
2960.0	2990.0	5.55	5.27	5.14
3040.0	3070.0	5.58	5.30	5.18
3100.0	3130.0	5.58	5.32	5.21
3180.0	3210.0	5.74	5.49	5.39
3240.0	3270.0	6.09	5.83	5.79
3320.0	3350.0	6.33	6.09	6.05
3380.0	3410.0	6.39	6.13	6.07
3460.0	3490.0	6.77	6.54	6.45
3520.0	3550.0	7.31	7.05	6.95
3600.0	3630.0	7.92	7.65	7.51
3660.0	3690.0	8.16	7.93	7.82
3740.0	3770.0	8.79	8.64	8.58
3800.0	3830.0	9.34	9.30	9.33
3880.0	3910.0	9.61	9.58	9.67
3940.0	3970.0	9.61	9.53	9.62
4020.0	4050.0	9.86	9.68	9.74
4080.0	4110.0	10.38	10.14	10.16

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
1240.0	1270.0	15.66	17.12	16.74
1320.0	1350.0	14.30	15.33	13.84
1400.0	1430.0	13.22	13.81	11.31
1480.0	1510.0	10.55	11.16	8.80
1560.0	1590.0	7.06	7.10	6.38
1640.0	1670.0	6.78	9.05	10.53
1720.0	1750.0	7.98	11.09	11.66
1800.0	1830.0	8.40	11.28	11.19
1880.0	1910.0	8.94	11.48	12.54
1960.0	1990.0	8.50	11.26	14.60
2040.0	2070.0	9.27	13.13	16.39
2120.0	2150.0	10.32	14.47	17.21
2200.0	2230.0	11.37	13.93	15.42
2260.0	2290.0	12.08	13.23	14.03
2340.0	2370.0	13.60	13.76	13.85
2400.0	2430.0	14.29	14.51	14.12
2480.0	2510.0	14.60	15.43	15.88
2540.0	2570.0	15.16	16.16	16.35
2620.0	2650.0	15.56	15.76	15.54
2680.0	2710.0	14.07	14.85	15.31
2760.0	2790.0	14.19	14.51	14.98
2820.0	2850.0	14.68	14.60	14.86
2900.0	2930.0	14.66	14.46	14.98
2960.0	2990.0	14.32	14.79	15.09
3040.0	3070.0	12.75	13.23	14.12
3100.0	3130.0	13.47	12.96	13.69
3180.0	3210.0	11.13	11.01	10.20
3240.0	3270.0	11.33	10.09	9.72
3320.0	3350.0	10.53	11.11	10.98
3380.0	3410.0	11.95	12.47	12.39
3460.0	3490.0	14.85	15.40	15.94
3520.0	3550.0	15.67	16.42	16.92
3600.0	3630.0	17.14	17.26	17.89
3660.0	3690.0	16.95	18.16	18.90
3740.0	3770.0	15.49	19.29	20.10
3800.0	3830.0	15.65	19.15	20.72
3880.0	3910.0	17.15	17.97	19.98
3940.0	3970.0	19.81	16.61	18.32
4020.0	4050.0	13.65	17.93	17.63
4080.0	4110.0	14.04	20.55	18.29

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+4dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
1240.0	1270.0	-0.05	0.15	0.25
1320.0	1350.0	0.29	0.44	0.57
1400.0	1430.0	0.78	0.82	0.90
1480.0	1510.0	1.20	1.07	1.08
1560.0	1590.0	1.50	1.21	1.00
1640.0	1670.0	1.69	1.27	1.02
1720.0	1750.0	1.89	1.51	1.30
1800.0	1830.0	1.96	1.67	1.51
1880.0	1910.0	2.22	1.90	1.69
1960.0	1990.0	2.10	1.87	1.74
2040.0	2070.0	2.18	1.96	1.77
2120.0	2150.0	1.81	1.58	1.46
2200.0	2230.0	1.69	1.41	1.28
2260.0	2290.0	1.58	1.31	1.17
2340.0	2370.0	1.35	1.07	0.94
2400.0	2430.0	1.32	1.00	0.84
2480.0	2510.0	1.28	0.95	0.77
2540.0	2570.0	1.17	0.87	0.71
2620.0	2650.0	1.07	0.75	0.56
2680.0	2710.0	1.04	0.71	0.53
2760.0	2790.0	1.12	0.81	0.60
2820.0	2850.0	1.06	0.78	0.58
2900.0	2930.0	1.11	0.85	0.68
2960.0	2990.0	1.12	0.82	0.64
3040.0	3070.0	1.30	1.02	0.85
3100.0	3130.0	1.44	1.24	1.13
3180.0	3210.0	1.49	1.37	1.30
3240.0	3270.0	1.45	1.31	1.16
3320.0	3350.0	1.45	1.22	1.06
3380.0	3410.0	1.41	1.24	1.12
3460.0	3490.0	1.16	0.96	0.87
3520.0	3550.0	0.95	0.72	0.62
3600.0	3630.0	0.67	0.52	0.44
3660.0	3690.0	0.58	0.47	0.40
3740.0	3770.0	0.40	0.33	0.31
3800.0	3830.0	0.27	0.21	0.21
3880.0	3910.0	0.23	0.16	0.18
3940.0	3970.0	0.26	0.16	0.18
4020.0	4050.0	0.38	0.18	0.19
4080.0	4110.0	0.32	0.16	0.18

REV. X3

ADE-ED12873/14

101013

Page 1 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0066 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Frequency Mixer

ADE-ED12873/14

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2350MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2289.8MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2710.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
1850.0	500.0	11.07	10.1	2300.0	5.55	1830.1	880.0	10.85
1746.6	603.4	9.39	50.1	2340.0	5.28	1790.1	920.0	10.10
1643.3	706.7	8.37	90.1	2380.0	5.24	1750.1	960.0	9.46
1539.9	810.1	7.52	130.1	2420.0	5.17	1710.1	1000.0	8.89
1436.5	913.5	6.75	170.1	2460.0	5.10	1670.1	1040.0	8.52
1333.1	1016.9	6.26	210.1	2500.0	5.06	1630.1	1080.0	8.10
1229.8	1120.2	5.83	250.1	2540.0	5.10	1590.1	1120.0	7.82
1126.4	1223.6	5.67	290.1	2580.0	5.20	1550.1	1160.0	7.47
1043.7	1306.3	5.51	330.1	2620.0	5.25	1510.1	1200.0	7.22
940.3	1409.7	5.27	370.1	2660.0	5.33	1470.1	1240.0	6.89
857.6	1492.4	5.25	410.1	2700.0	5.37	1430.1	1280.0	6.67
754.3	1595.7	5.32	450.1	2740.0	5.37	1390.1	1320.0	6.48
671.6	1678.4	5.43	490.1	2780.0	5.39	1350.1	1360.0	6.29
568.2	1781.8	5.76	530.1	2820.0	5.43	1310.1	1400.0	6.17
485.5	1864.5	5.79	570.1	2860.0	5.41	1270.1	1440.0	6.08
382.1	1967.9	5.98	610.1	2900.0	5.35	1210.1	1500.0	6.02
299.4	2050.6	5.96	650.1	2940.0	5.32	1170.1	1540.0	6.03
196.1	2153.9	5.63	710.1	3000.0	5.31	1110.1	1600.0	5.91
113.4	2236.6	5.43	750.1	3040.0	5.26	1070.1	1640.0	5.92
10.0	2340.0	5.38	810.1	3100.0	5.29	1010.1	1700.0	6.04
68.7	2418.7	5.08	850.1	3140.0	5.37	970.1	1740.0	6.12
166.4	2516.4	5.03	910.1	3200.0	5.69	910.1	1800.0	6.03
244.6	2594.6	5.16	950.1	3240.0	5.87	870.1	1840.0	5.98
342.4	2692.4	5.28	1010.1	3300.0	6.37	810.1	1900.0	5.84
420.6	2770.6	5.35	1050.1	3340.0	6.38	770.1	1940.0	5.68
518.3	2868.3	5.43	1110.1	3400.0	6.41	710.1	2000.0	5.41
596.5	2946.5	5.31	1150.1	3440.0	6.38	670.1	2040.0	5.37
694.3	3044.3	5.21	1210.1	3500.0	6.66	610.1	2100.0	5.35
772.5	3122.5	5.22	1250.1	3540.0	6.80	570.1	2140.0	5.39
870.2	3220.2	5.56	1310.1	3600.0	7.06	510.1	2200.0	5.38
948.4	3298.4	6.14	1350.1	3640.0	7.18	470.1	2240.0	5.35
1046.2	3396.2	6.20	1410.1	3700.0	7.58	410.1	2300.0	5.28
1124.4	3474.4	6.29	1450.1	3740.0	7.81	370.1	2340.0	5.25
1222.1	3572.1	6.73	1510.1	3800.0	8.10	310.1	2400.0	5.34
1300.3	3650.3	7.12	1550.1	3840.0	8.38	270.1	2440.0	5.41
1398.1	3748.1	7.44	1610.1	3900.0	9.24	210.1	2500.0	5.42
1476.3	3826.3	7.91	1650.1	3940.0	9.72	170.1	2540.0	5.42
1574.0	3924.0	8.98	1710.1	4000.0	10.27	110.1	2600.0	5.31
1652.2	4002.2	9.90	1750.1	4040.0	10.84	70.1	2640.0	5.25
1750.0	4100.0	10.81	1810.1	4100.0	11.55	10.1	2700.0	5.37

Frequency Mixer

ADE-ED12873/14

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
1270.0	28.29	28.15	27.61	13.63	13.53	13.15
1350.0	28.42	28.10	27.66	14.03	13.77	13.20
1430.0	29.01	28.44	27.74	14.60	14.08	13.43
1510.0	29.74	29.24	28.33	15.17	14.59	13.67
1590.0	30.34	29.99	29.93	15.70	15.03	14.21
1670.0	30.95	30.53	30.42	15.86	15.13	14.29
1750.0	32.16	31.52	31.46	16.02	15.04	14.17
1830.0	34.19	32.98	32.71	16.08	14.95	14.16
1910.0	37.20	34.76	34.06	16.37	15.05	14.35
1990.0	40.04	38.04	37.21	16.95	15.80	15.16
2070.0	39.70	39.21	39.02	17.91	16.87	16.23
2150.0	40.43	40.21	40.17	19.17	18.18	17.54
2230.0	40.28	40.66	40.65	20.26	19.19	18.52
2290.0	40.07	40.61	40.61	20.98	20.08	19.35
2370.0	39.93	39.75	39.48	22.00	21.23	20.63
2430.0	39.09	39.03	38.62	22.66	22.06	21.46
2510.0	37.09	37.00	37.00	23.40	22.86	22.48
2570.0	36.42	36.41	36.31	24.11	23.60	23.17
2650.0	35.16	34.65	34.50	24.86	24.53	24.20
2710.0	35.26	34.20	33.70	25.54	25.24	24.84
2790.0	35.35	33.94	33.08	26.00	26.02	25.71
2850.0	35.51	33.91	32.99	26.51	26.33	26.25
2930.0	34.19	33.06	32.42	27.19	26.99	26.89
2990.0	33.76	32.50	31.89	27.72	27.42	27.29
3070.0	33.13	31.89	31.06	27.99	27.94	27.65
3130.0	33.84	32.42	31.29	27.95	27.93	27.58
3210.0	35.70	33.71	32.15	27.46	27.51	27.33
3270.0	35.34	34.35	32.34	27.26	27.39	27.27
3350.0	30.81	32.03	31.54	28.13	27.67	27.67
3410.0	29.84	30.72	30.50	28.96	28.19	27.93
3490.0	29.49	30.31	30.13	30.14	28.96	28.58
3550.0	29.15	29.89	29.73	30.75	29.57	28.84
3630.0	29.43	29.86	29.78	30.96	29.76	29.16
3690.0	29.63	30.02	29.93	30.93	29.79	29.19
3770.0	29.86	30.28	29.87	30.99	30.06	29.07
3830.0	30.00	30.32	29.96	30.68	30.06	29.21
3910.0	30.64	30.77	30.14	30.57	29.90	29.17
3970.0	30.83	31.18	30.51	30.56	29.89	29.08
4050.0	30.56	31.16	30.80	30.47	29.72	28.92
4110.0	30.59	31.12	30.96	30.39	29.65	28.81

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1240.0	1270.0	12.46	12.07	11.93
1320.0	1350.0	11.65	11.16	11.06
1400.0	1430.0	11.10	10.60	10.50
1480.0	1510.0	10.93	10.52	10.47
1560.0	1590.0	11.05	10.81	10.97
1640.0	1670.0	11.23	11.02	10.97
1720.0	1750.0	11.29	11.08	10.92
1800.0	1830.0	11.54	11.50	11.41
1880.0	1910.0	11.91	11.88	11.91
1960.0	1990.0	12.63	12.55	12.49
2040.0	2070.0	12.88	12.88	12.94
2120.0	2150.0	13.10	13.08	13.10
2200.0	2230.0	13.65	13.70	13.73
2260.0	2290.0	13.96	14.23	14.31
2340.0	2370.0	14.35	14.82	15.10
2400.0	2430.0	14.61	15.20	15.58
2480.0	2510.0	15.11	15.61	16.00
2540.0	2570.0	15.74	16.13	16.44
2620.0	2650.0	16.19	16.58	16.87
2680.0	2710.0	16.72	17.00	17.19
2760.0	2790.0	17.25	17.38	17.46
2820.0	2850.0	17.51	17.50	17.50
2900.0	2930.0	17.88	17.71	17.57
2960.0	2990.0	18.00	17.70	17.44
3040.0	3070.0	17.77	17.44	17.18
3100.0	3130.0	17.31	16.99	16.74
3180.0	3210.0	16.53	16.20	15.98
3240.0	3270.0	15.96	15.65	15.35
3320.0	3350.0	15.53	15.15	14.90
3380.0	3410.0	15.42	15.05	14.89
3460.0	3490.0	15.18	14.91	14.77
3520.0	3550.0	14.97	14.71	14.59
3600.0	3630.0	14.84	14.66	14.60
3660.0	3690.0	14.81	14.66	14.65
3740.0	3770.0	14.94	14.75	14.73
3800.0	3830.0	15.12	14.97	14.90
3880.0	3910.0	15.43	15.25	15.17
3940.0	3970.0	15.62	15.44	15.38
4020.0	4050.0	16.00	15.86	15.79
4080.0	4110.0	16.27	16.13	16.09

Frequency Mixer

ADE-ED12873/14

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=2700MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1240.0	1270.0	9.85	8.95	8.51	1270.0	2.03	1.64	1.87	10.0	1.26	1.14	1.08
1320.0	1350.0	7.90	7.02	6.58	1350.0	1.87	1.58	1.88	50.0	1.28	1.17	1.10
1400.0	1430.0	6.28	5.61	5.27	1430.0	1.74	1.56	1.91	90.0	1.28	1.17	1.12
1480.0	1510.0	5.00	4.54	4.20	1510.0	1.62	1.55	1.93	130.0	1.37	1.25	1.20
1560.0	1590.0	3.98	3.65	3.35	1590.0	1.56	1.57	1.96	170.0	1.34	1.22	1.17
1640.0	1670.0	3.04	2.86	2.68	1670.0	1.49	1.55	1.96	210.0	1.46	1.35	1.29
1720.0	1750.0	2.30	2.22	2.15	1750.0	1.40	1.54	1.98	250.0	1.42	1.31	1.24
1800.0	1830.0	1.77	1.76	1.76	1830.0	1.33	1.55	2.01	310.0	1.50	1.39	1.33
1880.0	1910.0	1.40	1.43	1.49	1910.0	1.27	1.55	2.03	350.0	1.52	1.40	1.33
1960.0	1990.0	1.15	1.24	1.33	1990.0	1.24	1.54	2.04	410.0	1.59	1.47	1.40
2040.0	2070.0	1.20	1.29	1.33	2070.0	1.20	1.53	2.04	450.0	1.51	1.39	1.33
2120.0	2150.0	1.44	1.55	1.56	2150.0	1.14	1.52	2.07	510.0	1.63	1.51	1.44
2200.0	2230.0	1.56	1.71	1.74	2230.0	1.07	1.54	2.13	550.0	1.54	1.42	1.34
2260.0	2290.0	1.62	1.77	1.85	2290.0	1.05	1.56	2.15	610.0	1.59	1.46	1.38
2340.0	2370.0	1.66	1.74	1.82	2370.0	1.10	1.55	2.13	650.0	1.49	1.37	1.30
2400.0	2430.0	1.67	1.68	1.73	2430.0	1.17	1.59	2.17	710.0	1.50	1.39	1.31
2480.0	2510.0	1.76	1.71	1.70	2510.0	1.26	1.64	2.23	750.0	1.44	1.34	1.27
2540.0	2570.0	1.79	1.72	1.69	2570.0	1.31	1.63	2.18	810.0	1.39	1.32	1.28
2620.0	2650.0	1.74	1.66	1.62	2650.0	1.41	1.67	2.18	850.0	1.34	1.29	1.26
2680.0	2710.0	1.68	1.59	1.54	2710.0	1.46	1.72	2.24	910.0	1.39	1.38	1.38
2760.0	2790.0	1.59	1.49	1.44	2790.0	1.54	1.73	2.22	950.0	1.40	1.43	1.45
2820.0	2850.0	1.53	1.43	1.38	2850.0	1.60	1.74	2.18	1010.0	1.41	1.50	1.55
2900.0	2930.0	1.43	1.34	1.29	2930.0	1.66	1.77	2.19	1050.0	1.41	1.51	1.57
2960.0	2990.0	1.35	1.28	1.24	2990.0	1.74	1.81	2.23	1110.0	1.50	1.62	1.69
3040.0	3070.0	1.30	1.28	1.27	3070.0	1.84	1.84	2.22	1150.0	1.52	1.66	1.74
3100.0	3130.0	1.33	1.34	1.36	3130.0	1.88	1.86	2.20	1210.0	1.49	1.66	1.74
3180.0	3210.0	1.51	1.57	1.62	3210.0	1.90	1.86	2.21	1250.0	1.46	1.62	1.70
3240.0	3270.0	1.71	1.82	1.91	3270.0	1.98	1.87	2.19	1310.0	1.45	1.60	1.68
3320.0	3350.0	1.99	2.14	2.25	3350.0	2.21	1.99	2.22	1350.0	1.42	1.51	1.66
3380.0	3410.0	2.29	2.42	2.52	3410.0	2.33	2.10	2.31	1410.0	1.33	1.46	1.54
3460.0	3490.0	2.70	2.86	2.95	3490.0	2.47	2.17	2.34	1450.0	1.30	1.43	1.49
3520.0	3550.0	3.01	3.17	3.25	3550.0	2.66	2.22	2.30	1510.0	1.36	1.45	1.51
3600.0	3630.0	3.57	3.71	3.74	3630.0	2.82	2.34	2.38	1550.0	1.46	1.53	1.58
3660.0	3690.0	4.11	4.29	4.32	3690.0	2.95	2.40	2.43	1610.0	1.73	1.78	1.81
3740.0	3770.0	4.70	5.02	5.10	3770.0	3.19	2.50	2.44	1650.0	1.93	1.98	2.02
3800.0	3830.0	5.03	5.44	5.58	3830.0	3.29	2.57	2.46	1710.0	2.38	2.46	2.51
3880.0	3910.0	5.52	5.91	6.13	3910.0	3.44	2.66	2.51	1750.0	2.78	2.89	2.95
3940.0	3970.0	5.99	6.42	6.68	3970.0	3.67	2.74	2.54	1810.0	3.60	3.76	3.83
4020.0	4050.0	6.46	6.81	7.11	4050.0	3.95	2.87	2.58	1850.0	4.24	4.43	4.52
4080.0	4110.0	6.94	7.11	7.31	4110.0	4.04	2.95	2.61	1910.0	5.52	5.77	5.89

REV. X3

ADE-ED12873/14

101013

Page 4 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	23	5	36	16	18	25	41	34	42
1	-	9	+0	43	31	33	38	35	36	35	50	59
2	83	>74	53	55	54	>74	47	>74	44	50	71	63
3	>90	71	>74	>74	58	>74	>74	68	>74	66	>74	66
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
8	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2350 MHz; -11.00 dBm.
LO IN: 2380 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.18 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	33	16	48	32	34	38	67	60	68
1	-	9	+0	42	32	35	40	40	37	41	55	>84
2	63	65	44	43	45	64	40	63	38	46	53	63
3	>90	48	55	57	36	57	56	53	58	52	56	53
4	>90	>84	58	>84	64	61	67	76	56	78	50	60
5	>90	64	81	77	80	80	59	79	75	69	72	66
6	>90	75	82	>84	73	>84	76	72	>84	>84	71	>84
7	>90	>84	>84	75	>84	81	>84	>84	71	>84	>84	83
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	80	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	82	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2350 MHz; -1.00 dBm.
LO IN: 2380 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.32 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.