

Frequency Mixer

HJK-ED13153/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=343MHz (dB)		
		@LO (dBm)		
		+14	+17	+20
590.0	933.0	13.82	11.25	9.33
680.0	1023.0	11.38	9.66	8.35
770.0	1113.0	10.74	9.40	8.60
860.0	1203.0	10.70	9.85	9.52
950.0	1293.0	10.37	9.65	9.26
1040.0	1383.0	9.88	9.14	8.78
1130.0	1473.0	9.13	8.42	8.03
1220.0	1563.0	9.80	9.25	8.97
1310.0	1653.0	9.53	9.14	8.96
1400.0	1743.0	9.18	8.94	8.85
1490.0	1833.0	8.96	8.79	8.72
1580.0	1923.0	8.86	8.73	8.68
1670.0	2013.0	8.79	8.71	8.73
1760.0	2103.0	8.66	8.56	8.56
1850.0	2193.0	8.62	8.55	8.59
1940.0	2283.0	8.50	8.42	8.42
2030.0	2373.0	8.50	8.46	8.49
2120.0	2463.0	8.52	8.50	8.55
2200.0	2543.0	8.69	8.72	8.79
2290.0	2633.0	8.65	8.69	8.77
2370.0	2713.0	8.67	8.74	8.85
2460.0	2803.0	8.66	8.76	8.89
2540.0	2883.0	8.51	8.58	8.70
2630.0	2973.0	8.33	8.38	8.47
2710.0	3053.0	8.24	8.26	8.32
2800.0	3143.0	8.31	8.26	8.26
2880.0	3223.0	8.66	8.59	8.56
2970.0	3313.0	8.88	8.85	8.85
3050.0	3393.0	8.86	8.80	8.80
3140.0	3483.0	8.89	8.77	8.69
3220.0	3563.0	9.14	9.03	9.00
3310.0	3653.0	9.17	9.11	9.18
3390.0	3733.0	8.99	8.82	8.79
3480.0	3823.0	9.18	8.96	9.02
3560.0	3903.0	9.51	9.34	9.60
3650.0	3993.0	9.66	9.50	9.73
3730.0	4073.0	9.97	9.82	10.02
3820.0	4163.0	10.35	10.18	10.16
3900.0	4243.0	10.85	10.68	10.75
3990.0	4333.0	11.33	11.08	11.00

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+14	+17	+20
590.0	933.0	8.02	8.57	9.52
680.0	1023.0	10.45	11.20	12.19
770.0	1113.0	10.43	11.54	12.95
860.0	1203.0	11.24	13.52	16.83
950.0	1293.0	11.52	13.50	15.29
1040.0	1383.0	11.74	13.32	14.95
1130.0	1473.0	11.35	13.21	15.56
1220.0	1563.0	10.92	13.04	15.58
1310.0	1653.0	12.18	15.11	18.40
1400.0	1743.0	14.74	18.95	21.85
1490.0	1833.0	17.05	20.33	21.92
1580.0	1923.0	18.01	20.82	22.44
1670.0	2013.0	19.28	21.73	23.47
1760.0	2103.0	20.07	21.60	23.30
1850.0	2193.0	21.24	23.43	25.06
1940.0	2283.0	22.31	24.29	25.94
2030.0	2373.0	22.45	24.62	28.22
2120.0	2463.0	23.04	26.31	31.37
2200.0	2543.0	23.94	27.93	32.99
2290.0	2633.0	26.13	30.80	37.05
2370.0	2713.0	26.97	32.30	35.99
2460.0	2803.0	28.28	34.59	34.91
2540.0	2883.0	28.87	34.22	34.67
2630.0	2973.0	28.73	32.67	34.69
2710.0	3053.0	27.98	31.63	35.23
2800.0	3143.0	26.92	29.86	34.83
2880.0	3223.0	26.80	29.26	34.02
2970.0	3313.0	26.15	27.70	30.99
3050.0	3393.0	23.80	26.10	28.81
3140.0	3483.0	22.67	24.27	25.83
3220.0	3563.0	22.31	24.53	27.93
3310.0	3653.0	21.98	25.80	30.59
3390.0	3733.0	20.44	23.05	25.93
3480.0	3823.0	19.78	22.41	27.29
3560.0	3903.0	19.48	22.63	20.96
3650.0	3993.0	19.20	22.57	21.79
3730.0	4073.0	19.09	22.51	22.08
3820.0	4163.0	18.49	21.64	25.42
3900.0	4243.0	17.82	20.75	30.43
3990.0	4333.0	16.71	19.43	22.35

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+15dBm (dB)		
		@LO (dBm)		
		+14	+17	+20
590.0	933.0	12.99	12.42	11.23
680.0	1023.0	8.15	7.45	6.58
770.0	1113.0	8.88	7.86	6.47
860.0	1203.0	8.47	6.86	4.83
950.0	1293.0	8.27	6.58	4.72
1040.0	1383.0	7.42	5.99	4.36
1130.0	1473.0	8.14	6.53	4.82
1220.0	1563.0	13.08	10.42	6.60
1310.0	1653.0	9.02	6.78	4.42
1400.0	1743.0	5.46	3.89	2.44
1490.0	1833.0	4.41	2.81	1.48
1580.0	1923.0	3.51	2.19	1.06
1670.0	2013.0	2.85	1.63	0.77
1760.0	2103.0	2.25	1.16	0.56
1850.0	2193.0	1.74	0.86	0.39
1940.0	2283.0	1.32	0.66	0.32
2030.0	2373.0	0.97	0.47	0.21
2120.0	2463.0	0.75	0.34	0.15
2200.0	2543.0	0.53	0.25	0.10
2290.0	2633.0	0.36	0.18	0.07
2370.0	2713.0	0.31	0.15	0.06
2460.0	2803.0	0.29	0.13	0.05
2540.0	2883.0	0.31	0.15	0.07
2630.0	2973.0	0.38	0.18	0.09
2710.0	3053.0	0.46	0.23	0.11
2800.0	3143.0	0.45	0.25	0.13
2880.0	3223.0	0.42	0.23	0.12
2970.0	3313.0	0.59	0.28	0.14
3050.0	3393.0	1.01	0.53	0.27
3140.0	3483.0	1.34	0.75	0.42
3220.0	3563.0	1.45	0.81	0.42
3310.0	3653.0	1.80	0.91	0.40
3390.0	3733.0	2.29	1.24	0.64
3480.0	3823.0	2.92	1.52	0.65
3560.0	3903.0	3.06	1.59	0.50
3650.0	3993.0	3.21	1.75	0.64
3730.0	4073.0	3.29	1.80	0.72
3820.0	4163.0	3.58	2.02	1.07
3900.0	4243.0	3.97	2.36	1.20
3990.0	4333.0	4.45	2.90	1.75

REV. X2

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2590MHz (dB)
		@LO (dBm)
		+17
1210.0	1380.0	10.67
1145.1	1444.9	10.18
1080.3	1509.7	10.08
1015.4	1574.6	9.88
950.5	1639.5	9.44
885.7	1704.3	9.10
820.8	1769.2	8.87
755.9	1834.1	8.72
691.1	1898.9	8.57
626.2	1963.8	8.40
561.4	2028.6	8.52
496.5	2093.5	8.52
431.6	2158.4	8.52
366.8	2223.2	8.55
301.9	2288.1	8.49
237.0	2353.0	8.60
172.2	2417.8	8.70
107.3	2482.7	8.80
42.4	2547.6	9.19
33.7	2623.7	9.39
128.7	2718.7	8.81
223.6	2813.6	8.82
318.5	2908.5	8.73
413.5	3003.5	8.29
508.4	3098.4	8.03
603.3	3193.3	7.94
698.3	3288.3	7.97
793.2	3383.2	8.25
888.1	3478.1	8.35
959.3	3549.3	8.59
1054.3	3644.3	8.66
1125.5	3715.5	8.66
1220.4	3810.4	9.95
1291.6	3881.6	9.10
1386.5	3976.5	9.45
1457.7	4047.7	9.58
1552.7	4142.7	9.77
1623.9	4213.9	10.06
1718.8	4308.8	10.49
1790.0	4380.0	10.90

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2490MHz (dB)
		@LO (dBm)
		+17
10.0	2500.0	12.97
50.4	2540.4	9.00
90.9	2580.9	8.80
131.3	2621.3	8.79
171.8	2661.8	8.82
212.2	2702.2	8.86
252.7	2742.7	8.88
293.1	2783.1	8.89
333.6	2823.6	8.89
374.0	2864.0	8.76
414.5	2904.5	8.60
454.9	2944.9	8.38
495.4	2985.4	8.16
535.8	3025.8	8.06
576.3	3066.3	7.97
616.7	3106.7	7.92
657.2	3147.2	7.88
697.6	3187.6	7.88
738.1	3228.1	7.90
798.8	3288.8	7.89
839.2	3329.2	7.97
899.9	3389.9	8.09
940.3	3430.3	8.18
1001.0	3491.0	8.25
1041.5	3531.5	8.41
1102.1	3592.1	8.55
1142.6	3632.6	8.61
1203.3	3693.3	9.10
1243.7	3733.7	8.94
1304.4	3794.4	8.83
1344.8	3834.8	8.98
1405.5	3895.5	9.10
1446.0	3936.0	9.30
1506.6	3996.6	9.56
1547.1	4037.1	9.61
1607.8	4097.8	9.78
1648.2	4138.2	9.91
1708.9	4198.9	10.12
1749.3	4239.3	10.36
1810.0	4300.0	10.63

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2690.1001MHz (dB)
		@LO (dBm)
		+17
1330.1	1360.0	10.91
1289.5	1400.6	10.49
1248.9	1441.2	10.22
1208.3	1481.8	10.11
1167.6	1522.5	10.21
1127.0	1563.1	10.18
1086.4	1603.7	9.71
1045.8	1644.3	9.52
1005.2	1684.9	9.31
964.6	1725.5	9.20
923.9	1766.2	9.02
883.3	1806.8	8.83
842.7	1847.4	8.81
802.1	1888.0	8.70
761.5	1928.6	8.71
741.2	1948.9	8.68
700.6	1989.5	8.63
680.3	2009.8	8.61
639.6	2050.5	8.49
619.3	2070.8	8.45
578.7	2111.4	8.47
558.4	2131.7	8.47
517.8	2172.3	8.48
497.5	2192.6	8.52
456.9	2233.2	8.45
436.6	2253.5	8.44
395.9	2294.2	8.48
375.6	2314.5	8.52
335.0	2355.1	8.58
314.7	2375.4	8.65
274.1	2416.0	8.70
253.8	2436.3	8.67
213.2	2476.9	8.78
192.9	2497.2	8.81
152.3	2537.8	8.81
131.9	2558.2	8.94
91.3	2598.8	8.92
71.0	2619.1	8.89
30.4	2659.7	9.34
10.1	2680.0	12.61

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+14	+17	+20	+14	+17	+20
933.0	49.73	49.89	50.16	38.73	38.89	39.18
1023.0	47.91	48.04	48.29	38.20	38.34	38.55
1113.0	45.41	45.47	45.55	37.92	38.13	38.43
1203.0	43.37	43.49	43.46	38.15	38.51	38.87
1293.0	42.72	42.87	42.88	39.13	39.42	39.68
1383.0	43.51	43.64	43.39	40.08	40.29	40.43
1473.0	45.01	45.35	45.26	40.19	40.16	40.15
1563.0	45.28	45.50	45.61	42.34	42.24	42.17
1653.0	47.87	48.37	48.42	43.91	43.80	43.71
1743.0	53.00	54.77	55.46	44.74	44.48	44.38
1833.0	73.45	60.66	55.58	45.46	45.18	44.87
1923.0	46.08	43.95	42.39	43.73	43.16	42.61
2013.0	42.82	42.48	42.32	42.70	42.83	43.12
2103.0	42.86	42.88	43.08	41.78	42.28	43.02
2193.0	42.24	42.09	42.09	38.27	38.59	39.11
2283.0	40.51	40.21	40.34	38.53	39.84	41.79
2373.0	38.07	38.16	38.46	39.31	40.80	43.08
2463.0	37.42	37.33	37.49	37.22	38.09	39.33
2543.0	38.89	39.11	39.08	35.07	35.56	36.12
2633.0	40.36	40.83	40.71	32.48	32.89	33.04
2713.0	41.97	43.08	44.03	31.15	31.32	31.17
2803.0	41.65	42.83	44.14	30.00	30.17	29.96
2883.0	43.00	44.79	46.64	28.84	28.95	28.85
2973.0	49.02	53.13	54.67	27.51	27.53	27.78
3053.0	45.70	43.73	41.95	27.27	27.87	28.27
3143.0	38.54	39.18	38.87	30.52	30.74	30.90
3223.0	37.73	38.37	38.19	31.94	31.68	31.52
3313.0	37.31	37.71	37.61	32.71	32.37	31.96
3393.0	36.10	36.26	36.28	33.53	33.20	32.67
3483.0	34.38	34.66	34.71	35.44	35.16	34.60
3563.0	34.74	35.14	35.49	43.17	42.33	41.53
3653.0	42.48	42.81	43.35	43.54	44.85	45.58
3733.0	44.03	43.51	43.15	38.45	38.94	39.05
3823.0	35.27	34.24	34.13	36.57	36.56	36.79
3903.0	30.74	29.62	29.76	35.90	35.28	35.63
3993.0	28.24	27.20	27.10	32.40	31.26	31.36
4073.0	27.32	26.57	26.30	30.43	29.49	29.28
4163.0	27.64	27.01	26.71	29.63	28.85	28.54
4243.0	28.30	27.79	27.57	29.48	28.85	28.69
4333.0	28.97	28.49	28.28	29.85	29.29	29.22

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+14	+17	+20
590.0	933.0	37.49	32.62	31.24
680.0	1023.0	34.76	32.75	31.37
770.0	1113.0	32.02	31.33	30.15
860.0	1203.0	30.93	30.29	29.27
950.0	1293.0	34.30	31.66	31.23
1040.0	1383.0	33.76	32.67	33.28
1130.0	1473.0	32.82	30.26	27.72
1220.0	1563.0	33.29	31.69	28.95
1310.0	1653.0	32.11	31.29	29.17
1400.0	1743.0	32.77	33.28	33.31
1490.0	1833.0	32.65	33.00	33.40
1580.0	1923.0	32.88	32.96	33.14
1670.0	2013.0	34.70	34.87	34.94
1760.0	2103.0	41.66	42.51	42.69
1850.0	2193.0	47.96	44.71	43.64
1940.0	2283.0	44.06	44.09	43.43
2030.0	2373.0	49.85	49.23	47.35
2120.0	2463.0	46.26	46.96	49.21
2200.0	2543.0	39.44	39.62	40.10
2290.0	2633.0	39.20	39.33	39.90
2370.0	2713.0	40.32	40.39	40.80
2460.0	2803.0	41.39	41.94	42.58
2540.0	2883.0	40.39	40.80	40.69
2630.0	2973.0	39.74	39.52	39.06
2710.0	3053.0	43.02	42.19	41.41
2800.0	3143.0	41.53	40.29	39.43
2880.0	3223.0	37.95	36.93	36.08
2970.0	3313.0	32.93	32.18	31.43
3050.0	3393.0	28.51	28.21	28.34
3140.0	3483.0	28.35	28.08	28.46
3220.0	3563.0	31.03	30.77	30.83
3310.0	3653.0	35.26	34.77	34.34
3390.0	3733.0	41.90	41.68	40.97
3480.0	3823.0	37.91	38.63	37.46
3560.0	3903.0	33.35	33.23	31.72
3650.0	3993.0	31.17	30.86	29.87
3730.0	4073.0	28.56	28.03	27.41
3820.0	4163.0	25.62	24.77	24.12
3900.0	4243.0	24.61	23.89	23.38
3990.0	4333.0	23.95	23.68	23.49

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=3033MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+14	+17	+20		+14	+17	+20		+14	+17	+20
590.0	933.0	2.44	2.27	2.14	933.0	5.58	5.56	5.54	10.0	9.28	8.99	8.81
680.0	1023.0	1.41	1.40	1.45	1023.0	5.42	5.41	5.41	90.0	2.78	3.00	3.21
770.0	1113.0	1.44	1.48	1.60	1113.0	5.28	5.27	5.27	170.0	2.64	2.85	3.06
860.0	1203.0	1.75	1.83	1.96	1203.0	5.12	5.12	5.10	250.0	2.50	2.70	2.89
950.0	1293.0	2.04	2.12	2.22	1293.0	4.98	4.96	4.95	330.0	2.39	2.57	2.75
1040.0	1383.0	2.18	2.21	2.32	1383.0	4.87	4.86	4.83	410.0	2.24	2.39	2.55
1130.0	1473.0	2.30	2.31	2.35	1473.0	4.79	4.78	4.75	490.0	2.12	2.23	2.36
1220.0	1563.0	2.35	2.41	2.50	1563.0	4.68	4.67	4.63	570.0	2.01	2.10	2.19
1310.0	1653.0	2.46	2.53	2.63	1653.0	4.67	4.64	4.61	650.0	1.90	1.95	2.01
1400.0	1743.0	2.54	2.60	2.68	1743.0	4.62	4.60	4.56	730.0	1.83	1.85	1.89
1490.0	1833.0	2.54	2.59	2.66	1833.0	4.56	4.54	4.50	810.0	1.73	1.74	1.76
1580.0	1923.0	2.48	2.51	2.55	1923.0	4.55	4.52	4.46	890.0	1.67	1.66	1.67
1670.0	2013.0	2.39	2.39	2.43	2013.0	4.48	4.45	4.38	970.0	1.58	1.57	1.57
1760.0	2103.0	2.37	2.36	2.39	2103.0	4.38	4.35	4.28	1050.0	1.46	1.43	1.43
1850.0	2193.0	2.37	2.36	2.39	2193.0	4.20	4.16	4.09	1130.0	1.36	1.34	1.34
1940.0	2283.0	2.36	2.33	2.34	2283.0	3.90	3.85	3.78	1210.0	1.26	1.26	1.27
2030.0	2373.0	2.36	2.34	2.36	2373.0	3.54	3.48	3.40	1290.0	1.23	1.25	1.30
2120.0	2463.0	2.43	2.42	2.44	2463.0	3.09	3.00	2.91	1370.0	1.22	1.27	1.34
2200.0	2543.0	2.38	2.38	2.41	2543.0	2.63	2.53	2.44	1450.0	1.25	1.31	1.39
2290.0	2633.0	2.35	2.35	2.36	2633.0	2.13	2.02	1.92	1530.0	1.34	1.41	1.48
2370.0	2713.0	2.37	2.37	2.39	2713.0	1.74	1.64	1.56	1610.0	1.48	1.55	1.63
2460.0	2803.0	2.30	2.31	2.33	2803.0	1.45	1.39	1.35	1690.0	1.60	1.68	1.76
2540.0	2883.0	2.23	2.22	2.24	2883.0	1.36	1.37	1.40	1770.0	1.79	1.87	1.95
2630.0	2973.0	2.24	2.22	2.22	2973.0	1.42	1.49	1.57	1850.0	1.96	2.06	2.14
2710.0	3053.0	2.28	2.25	2.24	3053.0	1.56	1.64	1.74	1930.0	2.12	2.22	2.30
2800.0	3143.0	2.34	2.29	2.25	3143.0	1.76	1.85	1.96	2010.0	2.32	2.42	2.49
2880.0	3223.0	2.40	2.35	2.31	3223.0	1.96	2.06	2.16	2090.0	2.43	2.53	2.59
2970.0	3313.0	2.44	2.40	2.38	3313.0	2.20	2.29	2.39	2170.0	2.56	2.66	2.71
3050.0	3393.0	2.35	2.32	2.31	3393.0	2.43	2.50	2.58	2250.0	2.64	2.72	2.74
3140.0	3483.0	2.40	2.35	2.32	3483.0	2.65	2.69	2.75	2310.0	2.72	2.80	2.82
3220.0	3563.0	2.40	2.35	2.32	3563.0	2.81	2.82	2.83	2390.0	2.85	2.93	2.94
3310.0	3653.0	2.34	2.32	2.33	3653.0	3.21	3.20	3.19	2450.0	2.96	3.03	3.03
3390.0	3733.0	2.25	2.22	2.22	3733.0	3.51	3.50	3.49	2530.0	3.06	3.12	3.10
3480.0	3823.0	2.27	2.25	2.25	3823.0	3.75	3.73	3.65	2590.0	3.18	3.25	3.21
3560.0	3903.0	2.30	2.31	2.31	3903.0	3.94	3.93	3.83	2670.0	3.29	3.35	3.30
3650.0	3993.0	2.27	2.27	2.28	3993.0	4.12	4.11	4.02	2730.0	3.38	3.43	3.37
3730.0	4073.0	2.23	2.22	2.24	4073.0	4.28	4.27	4.18	2810.0	3.49	3.55	3.48
3820.0	4163.0	2.20	2.17	2.16	4163.0	4.45	4.44	4.42	2870.0	3.49	3.57	3.53
3900.0	4243.0	2.19	2.14	2.11	4243.0	4.56	4.51	4.38	2950.0	3.31	3.43	3.46
3990.0	4333.0	2.24	2.22	2.21	4333.0	4.68	4.61	4.48	3010.0	2.86	2.96	3.02

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	20	22	34	35	35	34	50	---	---
1	-	31	+0	39	25	33	50	60	63	50	50	---
2	63	59	56	56	50	64	77	73	75	73	>81	---
3	>90	>81	73	75	68	77	>81	>81	>81	>81	>81	>81
4	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
5	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	89	80	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2590 MHz; 0.00 dBm.
LO IN: 2933 MHz; +17.00 dBm
IF OUT: 343 MHz; -8.69 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	30	32	46	46	48	46	54	---	---
1	-	31	+0	38	25	33	52	62	64	51	52	---
2	43	50	45	47	39	55	64	64	67	65	>91	---
3	68	75	50	53	45	57	67	68	77	74	76	82
4	>90	89	79	87	61	81	66	76	90	86	88	85
5	>90	91	>91	86	73	75	69	83	90	>91	>91	>91
6	>90	>91	>91	>91	>91	84	84	86	80	>91	>91	>91
7	>90	>91	>91	>91	>91	>91	83	85	91	>91	>91	>91
8	>90	>91	>91	>91	>91	>91	>91	>91	85	>91	>91	>91
9	>90	90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	---	---	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2590 MHz; 10.00 dBm.
LO IN: 2933 MHz; +17.00 dBm
IF OUT: 343 MHz; 1.19 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.