

Frequency Mixer

HJK-ED10428A/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=57.6MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+15dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
+13	+15	+17	+13	+15	+17	+13	+15	+17						
765.0	822.6	12.37	10.90	9.78	765.0	822.6	15.74	21.30	19.38	765.0	822.6	0.24	0.55	0.81
845.0	902.6	11.52	10.25	9.22	845.0	902.6	13.62	16.61	19.52	845.0	902.6	1.32	1.30	1.30
925.0	982.6	10.88	9.68	8.68	925.0	982.6	13.77	15.77	17.42	925.0	982.6	2.35	2.10	1.95
1005.0	1062.6	10.39	9.31	8.42	1005.0	1062.6	15.03	16.40	17.80	1005.0	1062.6	3.94	3.25	2.69
1085.0	1142.6	10.19	9.10	8.34	1085.0	1142.6	15.06	15.14	16.19	1085.0	1142.6	6.33	5.15	4.39
1165.0	1222.6	9.86	9.19	8.98	1165.0	1222.6	16.29	16.41	17.94	1165.0	1222.6	4.13	3.64	3.05
1245.0	1302.6	9.30	8.50	7.95	1245.0	1302.6	15.86	16.60	16.95	1245.0	1302.6	3.26	2.91	2.78
1325.0	1382.6	8.84	7.97	7.37	1325.0	1382.6	17.48	17.35	17.72	1325.0	1382.6	3.13	2.86	2.67
1405.0	1462.6	8.64	7.78	7.25	1405.0	1462.6	17.45	16.27	16.66	1405.0	1462.6	3.05	2.84	2.61
1485.0	1542.6	8.90	8.12	7.54	1485.0	1542.6	25.61	20.07	18.14	1485.0	1542.6	1.96	1.84	1.80
1565.0	1622.6	8.48	7.78	7.30	1565.0	1622.6	20.35	20.89	19.56	1565.0	1622.6	1.93	1.79	1.63
1645.0	1702.6	8.32	8.44	9.32	1645.0	1702.6	14.60	14.48	16.66	1645.0	1702.6	6.55	5.12	3.75
1725.0	1782.6	8.41	8.05	7.61	1725.0	1782.6	20.79	23.36	18.62	1725.0	1782.6	1.12	0.77	0.84
1805.0	1862.6	7.63	7.38	7.28	1805.0	1862.6	19.50	21.38	23.67	1805.0	1862.6	1.37	1.07	0.85
1885.0	1942.6	7.47	7.35	7.36	1885.0	1942.6	21.39	24.04	27.06	1885.0	1942.6	1.03	0.75	0.58
1965.0	2022.6	7.37	7.34	7.40	1965.0	2022.6	23.74	26.79	28.68	1965.0	2022.6	0.73	0.51	0.40
2045.0	2102.6	7.29	7.31	7.41	2045.0	2102.6	26.95	29.12	29.15	2045.0	2102.6	0.46	0.28	0.25
2125.0	2182.6	7.29	7.33	7.43	2125.0	2182.6	28.27	29.86	30.77	2125.0	2182.6	0.36	0.22	0.19
2205.0	2262.6	7.50	7.53	7.63	2205.0	2262.6	27.61	30.19	31.03	2205.0	2262.6	0.35	0.23	0.22
2285.0	2342.6	7.64	7.62	7.68	2285.0	2342.6	24.53	27.62	31.32	2285.0	2342.6	0.59	0.38	0.30
2365.0	2422.6	7.70	7.59	7.58	2365.0	2422.6	22.49	25.03	27.70	2365.0	2422.6	0.86	0.61	0.49
2445.0	2502.6	7.82	7.62	7.54	2445.0	2502.6	20.71	22.96	25.40	2445.0	2502.6	1.05	0.80	0.65
2525.0	2582.6	8.08	7.81	7.65	2525.0	2582.6	19.75	21.74	24.21	2525.0	2582.6	1.09	0.88	0.73
2605.0	2662.6	8.54	8.18	7.97	2605.0	2662.6	18.85	20.57	22.96	2605.0	2662.6	1.06	0.91	0.79
2685.0	2742.6	9.10	8.60	8.30	2685.0	2742.6	17.91	19.13	20.95	2685.0	2742.6	1.03	0.95	0.87
2765.0	2822.6	9.60	8.95	8.58	2765.0	2822.6	17.47	18.40	19.86	2765.0	2822.6	0.91	0.90	0.87
2845.0	2902.6	9.78	9.11	8.78	2845.0	2902.6	17.68	19.10	21.26	2845.0	2902.6	0.74	0.74	0.82
2925.0	2982.6	9.37	8.82	8.50	2925.0	2982.6	18.16	19.67	21.43	2925.0	2982.6	0.71	0.68	0.84
3005.0	3062.6	9.56	8.93	8.59	3005.0	3062.6	18.55	19.86	21.32	3005.0	3062.6	0.66	0.62	0.85
3085.0	3142.6	9.95	9.24	8.89	3085.0	3142.6	19.25	20.61	22.15	3085.0	3142.6	0.55	0.52	0.66
3165.0	3222.6	10.28	9.51	9.13	3165.0	3222.6	21.48	22.86	24.31	3165.0	3222.6	0.44	0.46	0.64
3245.0	3302.6	10.41	9.63	9.21	3245.0	3302.6	25.18	24.74	25.05	3245.0	3302.6	0.41	0.45	0.65
3325.0	3382.6	10.45	9.64	9.24	3325.0	3382.6	18.73	21.10	22.95	3325.0	3382.6	0.31	0.48	0.75
3405.0	3462.6	10.72	9.77	9.35	3405.0	3462.6	18.69	19.77	21.48	3405.0	3462.6	0.16	0.59	0.94
3485.0	3542.6	10.80	9.89	9.51	3485.0	3542.6	18.86	19.71	21.06	3485.0	3542.6	0.27	0.64	0.94
3545.0	3602.6	11.03	10.07	9.59	3545.0	3602.6	18.61	19.25	19.85	3545.0	3602.6	0.28	0.61	0.88
3625.0	3682.6	10.79	9.89	9.47	3625.0	3682.6	19.03	19.67	20.47	3625.0	3682.6	0.38	0.63	0.90
3685.0	3742.6	10.65	9.89	9.48	3685.0	3742.6	20.05	20.70	21.75	3685.0	3742.6	0.46	0.64	0.85
3765.0	3822.6	11.02	10.22	9.81	3765.0	3822.6	23.76	22.85	23.94	3765.0	3822.6	0.55	0.68	0.89
3825.0	3882.6	11.81	11.06	10.60	3825.0	3882.6	21.21	22.99	23.68	3825.0	3882.6	0.53	0.51	0.75

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Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2140MHz (dB)
		@LO (dBm)
		+15
410.0	1730.0	11.28
386.5	1753.5	10.99
362.9	1777.1	9.80
339.4	1800.6	8.78
315.9	1824.1	8.58
292.4	1847.6	8.28
268.8	1871.2	8.01
245.3	1894.7	7.87
221.8	1918.2	7.75
198.2	1941.8	7.59
174.7	1965.3	7.44
151.2	1988.8	7.38
135.5	2004.5	7.35
112.0	2028.0	7.29
96.3	2043.7	7.25
72.7	2067.3	7.23
57.1	2082.9	7.24
33.5	2106.5	7.24
17.8	2122.2	7.32
42.2	2182.2	7.35
106.5	2246.5	7.49
202.9	2342.9	7.66
267.3	2407.3	7.82
363.7	2503.7	8.04
428.0	2568.0	8.24
524.5	2664.5	8.69
588.8	2728.8	9.17
685.3	2825.3	9.49
749.6	2889.6	9.67
846.1	2986.1	9.51
910.4	3050.4	9.58
1006.9	3146.9	9.81
1071.2	3211.2	10.15
1167.6	3307.6	10.46
1232.0	3372.0	10.46
1328.4	3468.4	10.58
1392.7	3532.7	10.50
1489.2	3629.2	10.57
1553.5	3693.5	10.84
1650.0	3790.0	11.18

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2094.8999MHz (dB)
		@LO (dBm)
		+15
10.1	2105.0	7.74
50.1	2145.0	7.52
90.1	2185.0	7.53
130.1	2225.0	7.64
170.1	2265.0	7.73
210.1	2305.0	7.83
250.1	2345.0	7.92
290.1	2385.0	8.00
330.1	2425.0	8.11
370.1	2465.0	8.17
410.1	2505.0	8.20
450.1	2545.0	8.41
490.1	2585.0	8.54
530.1	2625.0	8.84
570.1	2665.0	9.02
610.1	2705.0	9.15
650.1	2745.0	9.24
690.1	2785.0	9.26
730.1	2825.0	9.74
770.1	2865.0	9.82
810.1	2905.0	9.93
850.1	2945.0	9.66
890.1	2985.0	9.70
930.1	3025.0	9.93
970.1	3065.0	9.78
1010.1	3105.0	10.03
1050.1	3145.0	10.01
1110.1	3205.0	10.32
1150.1	3245.0	10.26
1210.1	3305.0	10.65
1250.1	3345.0	10.49
1310.1	3405.0	10.90
1350.1	3445.0	10.65
1410.1	3505.0	10.87
1450.1	3545.0	10.58
1510.1	3605.0	10.87
1550.1	3645.0	10.72
1610.1	3705.0	11.02
1650.1	3745.0	11.10
1710.1	3805.0	11.54

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2185.1001MHz (dB)
		@LO (dBm)
		+15
470.1	1715.0	11.50
460.1	1725.0	11.73
450.1	1735.0	11.81
440.1	1745.0	11.73
430.1	1755.0	11.41
420.1	1765.0	10.92
410.1	1775.0	10.31
400.1	1785.0	9.71
390.1	1795.0	9.37
380.1	1805.0	9.25
370.1	1815.0	9.19
360.1	1825.0	9.04
350.1	1835.0	8.94
340.1	1845.0	8.80
330.1	1855.0	8.68
320.1	1865.0	8.56
310.1	1875.0	8.44
300.1	1885.0	8.36
290.1	1895.0	8.28
280.1	1905.0	8.25
270.1	1915.0	8.17
260.1	1925.0	8.12
250.1	1935.0	8.01
240.1	1945.0	7.94
230.1	1955.0	7.86
220.1	1965.0	7.82
200.1	1985.0	7.72
190.1	1995.0	7.67
170.1	2015.0	7.60
160.1	2025.0	7.57
140.1	2045.0	7.50
130.1	2055.0	7.49
110.1	2075.0	7.46
100.1	2085.0	7.44
80.1	2105.0	7.46
70.1	2115.0	7.46
50.1	2135.0	7.46
40.1	2145.0	7.49
20.1	2165.0	7.47
10.1	2175.0	7.66

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Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+13	+15	+17	+13	+15	+17
822.6	44.73	44.02	45.39	37.60	38.00	39.74
902.6	43.19	42.75	44.12	36.66	37.04	38.88
982.6	42.27	42.29	43.58	36.28	36.48	38.44
1062.6	42.71	43.08	44.60	36.08	36.19	38.47
1142.6	42.75	42.28	43.25	35.51	35.89	38.44
1222.6	41.45	39.15	39.30	33.96	34.15	36.38
1302.6	38.06	37.72	39.44	31.50	31.72	34.04
1382.6	37.62	37.85	39.52	30.90	31.00	33.29
1462.6	38.84	38.90	40.66	31.90	31.59	34.08
1542.6	37.61	37.01	38.30	32.22	31.48	34.09
1622.6	36.81	35.84	36.88	32.27	31.56	35.40
1702.6	36.12	35.10	36.38	32.64	32.55	35.33
1782.6	35.16	34.35	36.03	33.30	32.97	36.87
1862.6	34.61	34.19	35.27	33.02	32.30	36.99
1942.6	33.36	32.91	34.17	30.41	29.25	33.72
2022.6	32.76	32.37	33.65	27.72	26.74	31.09
2102.6	31.93	31.49	32.49	25.70	24.75	28.32
2182.6	32.27	32.12	33.13	25.39	24.75	26.77
2262.6	33.79	34.00	34.93	27.60	27.21	27.95
2342.6	34.94	35.36	36.21	31.43	31.23	32.02
2422.6	35.56	35.96	37.24	36.53	36.37	37.64
2502.6	35.59	36.20	37.78	43.66	43.83	44.79
2582.6	35.20	35.84	37.57	55.04	67.05	54.10
2662.6	34.42	35.03	36.88	49.16	48.79	50.58
2742.6	34.07	34.55	36.52	46.17	46.18	47.59
2822.6	33.07	33.38	35.59	43.16	45.55	43.47
2902.6	32.45	32.55	34.92	31.73	32.19	33.40
2982.6	29.95	30.14	32.61	27.24	27.50	29.82
3062.6	29.89	29.89	32.19	28.07	28.04	30.55
3142.6	29.52	29.50	31.77	28.66	28.54	31.21
3222.6	29.00	28.93	31.12	29.13	28.98	31.62
3302.6	28.34	28.30	28.85	29.47	29.38	31.94
3382.6	28.07	28.31	29.18	30.30	30.29	32.73
3462.6	28.25	28.48	29.18	30.72	30.83	32.80
3542.6	28.13	28.35	28.90	31.24	31.58	32.82
3602.6	27.79	28.12	28.66	31.33	32.02	32.35
3682.6	27.37	27.63	28.10	30.32	31.69	30.04
3742.6	27.20	27.51	28.19	27.85	29.36	27.66
3822.6	26.78	27.39	28.44	22.88	23.70	22.94
3882.6	28.71	30.13	32.00	19.69	20.04	19.70

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+13	+15	+17
765.0	822.6	30.42	29.82	30.56
845.0	902.6	26.98	26.61	27.19
925.0	982.6	24.21	23.82	24.42
1005.0	1062.6	21.85	20.86	20.78
1085.0	1142.6	19.94	17.95	17.28
1165.0	1222.6	20.09	18.69	19.77
1245.0	1302.6	27.80	26.18	24.78
1325.0	1382.6	27.47	25.72	25.69
1405.0	1462.6	22.99	22.20	22.62
1485.0	1542.6	22.00	22.37	25.51
1565.0	1622.6	21.71	22.87	25.85
1645.0	1702.6	22.37	23.33	25.89
1725.0	1782.6	24.26	26.00	27.32
1805.0	1862.6	27.19	28.90	30.07
1885.0	1942.6	32.01	33.95	34.76
1965.0	2022.6	35.71	37.96	38.67
2045.0	2102.6	36.41	37.90	38.06
2125.0	2182.6	36.15	36.98	36.86
2205.0	2262.6	34.83	35.68	36.00
2285.0	2342.6	33.34	33.93	34.17
2365.0	2422.6	32.38	33.00	33.25
2445.0	2502.6	31.77	32.35	32.60
2525.0	2582.6	30.97	31.54	32.00
2605.0	2662.6	30.13	30.47	30.93
2685.0	2742.6	29.20	29.19	29.35
2765.0	2822.6	27.47	27.16	26.94
2845.0	2902.6	26.21	25.24	24.58
2925.0	2982.6	31.46	30.91	30.20
3005.0	3062.6	34.70	34.67	33.83
3085.0	3142.6	34.62	35.07	34.36
3165.0	3222.6	34.60	35.34	34.79
3245.0	3302.6	34.78	35.56	35.16
3325.0	3382.6	34.59	35.12	34.35
3405.0	3462.6	31.75	31.53	30.81
3485.0	3542.6	30.78	30.65	30.21
3545.0	3602.6	30.11	30.24	29.95
3625.0	3682.6	28.75	29.11	29.16
3685.0	3742.6	27.54	28.19	28.38
3765.0	3822.6	25.63	26.72	27.37
3825.0	3882.6	24.03	24.71	25.27

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=2232.6001MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+13	+15	+17		+13	+15	+17		+13	+15	+17
765.0	822.6	6.05	5.10	5.13	822.1	59.91	59.91	54.29	10.0	1.22	1.27	1.28
845.0	902.6	4.66	4.00	4.09	902.1	62.05	59.91	56.04	70.0	1.23	1.28	1.29
925.0	982.6	3.60	3.10	3.21	982.1	48.26	48.26	44.55	130.0	1.28	1.31	1.30
1005.0	1062.6	2.73	2.35	2.48	1062.1	42.38	41.37	38.61	190.0	1.36	1.38	1.36
1085.0	1142.6	2.07	1.72	1.83	1142.1	40.41	38.61	34.75	250.0	1.44	1.44	1.39
1165.0	1222.6	1.48	1.26	1.30	1222.1	29.96	28.49	26.74	310.0	1.55	1.53	1.45
1245.0	1302.6	1.28	1.08	1.15	1302.1	29.46	29.46	27.59	370.0	1.64	1.60	1.51
1325.0	1382.6	1.31	1.09	1.22	1382.1	29.46	29.46	27.59	430.0	1.79	1.73	1.59
1405.0	1462.6	1.44	1.25	1.34	1462.1	25.94	25.19	23.49	490.0	1.84	1.77	1.62
1485.0	1542.6	1.63	1.44	1.53	1542.1	23.49	22.58	20.70	550.0	1.97	1.89	1.70
1565.0	1622.6	1.74	1.57	1.63	1622.1	22.87	21.46	18.90	610.0	2.07	1.97	1.76
1645.0	1702.6	1.82	1.71	1.74	1702.1	19.54	18.11	12.01	670.0	2.05	1.95	1.73
1725.0	1782.6	1.88	1.80	1.84	1782.1	16.41	15.53	10.82	730.0	2.17	2.05	1.80
1805.0	1862.6	1.97	1.92	1.93	1862.1	14.03	13.39	9.04	790.0	2.15	2.03	1.77
1885.0	1942.6	2.02	2.00	2.00	1942.1	10.25	9.74	6.78	850.0	2.12	1.99	1.73
1965.0	2022.6	2.07	2.08	2.07	2022.1	6.71	6.35	4.60	910.0	2.16	2.03	1.77
2045.0	2102.6	2.10	2.13	2.12	2102.1	3.87	3.70	2.48	970.0	2.05	1.93	1.69
2125.0	2182.6	2.11	2.13	2.15	2182.1	2.88	2.87	2.31	1030.0	2.04	1.92	1.69
2205.0	2262.6	2.09	2.09	2.11	2262.1	4.09	4.19	3.90	1090.0	1.96	1.86	1.65
2285.0	2342.6	2.11	2.06	2.04	2342.1	6.68	6.83	7.11	1150.0	1.80	1.70	1.53
2365.0	2422.6	2.21	2.11	2.07	2422.1	9.79	9.90	11.24	1210.0	1.73	1.64	1.51
2445.0	2502.6	2.40	2.22	2.19	2502.1	13.19	13.19	14.38	1270.0	1.61	1.54	1.44
2525.0	2582.6	2.59	2.38	2.35	2582.1	14.38	14.26	14.38	1330.0	1.56	1.50	1.43
2605.0	2662.6	2.92	2.63	2.64	2662.1	14.87	14.62	13.92	1390.0	1.52	1.49	1.47
2685.0	2742.6	3.31	2.94	2.97	2742.1	14.62	14.26	12.89	1450.0	1.47	1.46	1.47
2765.0	2822.6	3.62	3.17	3.24	2822.1	13.49	12.99	12.01	1510.0	1.49	1.50	1.54
2845.0	2902.6	3.78	3.28	3.38	2902.1	12.35	11.93	11.53	1550.0	1.49	1.51	1.56
2925.0	2982.6	3.89	3.47	3.58	2982.1	12.35	11.93	11.53	1610.0	1.55	1.59	1.66
3005.0	3062.6	4.13	3.69	3.81	3062.1	11.77	11.38	11.17	1650.0	1.58	1.63	1.70
3085.0	3142.6	4.41	3.93	4.08	3142.1	10.96	10.43	10.62	1710.0	1.66	1.71	1.78
3165.0	3222.6	4.68	4.19	4.30	3222.1	9.96	9.43	8.86	1750.0	1.71	1.75	1.81
3245.0	3302.6	4.89	4.41	4.46	3302.1	9.08	8.51	7.14	1810.0	1.78	1.82	1.86
3325.0	3382.6	4.96	4.43	4.44	3382.1	8.27	7.80	6.44	1850.0	1.80	1.84	1.88
3405.0	3462.6	4.82	4.28	4.23	3462.1	7.63	7.20	6.71	1910.0	1.88	1.93	1.95
3485.0	3542.6	4.69	4.19	4.14	3542.1	6.76	6.32	4.15	1950.0	1.87	1.92	1.94
3545.0	3602.6	4.96	4.42	4.37	3602.1	5.99	5.58	3.35	2010.0	1.90	1.94	1.95
3625.0	3682.6	4.79	4.30	4.13	3682.1	4.93	4.62	3.09	2050.0	1.89	1.93	1.93
3685.0	3742.6	4.64	4.19	4.01	3742.1	4.05	3.84	2.59	2110.0	1.90	1.94	1.93
3765.0	3822.6	4.61	4.14	3.85	3822.1	2.55	2.46	1.92	2150.0	1.90	1.93	1.89
3825.0	3882.6	4.40	3.91	3.54	3882.1	1.77	1.72	1.55	2210.0	1.92	1.94	1.90

REV. X2

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	31	21	24	32	29	34	53	53	62
1	-	29	+0	46	20	46	35	50	37	54	63	52
2	59	55	61	55	58	65	59	66	66	69	73	80
3	>90	>83	67	74	59	75	68	>83	>83	79	77	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2140 MHz; 0.00 dBm.
LO IN: 2196.6 MHz; +15.00 dBm
IF OUT: 56.6 MHz; -7.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	38	32	34	42	40	46	82	63	83
1	-	28	+0	46	20	47	36	52	38	54	63	54
2	39	45	53	45	50	54	52	57	55	61	65	69
3	65	70	48	58	39	56	48	65	61	66	58	81
4	>90	79	77	88	75	76	70	87	66	78	79	81
5	>90	79	81	79	71	74	60	72	69	86	83	80
6	>90	82	91	88	87	>93	83	85	83	87	84	>93
7	>90	>93	>93	>93	>93	92	83	88	73	82	80	89
8	>90	>93	>93	>93	>93	>93	>93	>93	91	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	92	>93	84	>93
10	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2140 MHz; 10.00 dBm.
LO IN: 2196.6 MHz; +15.00 dBm
IF OUT: 56.6 MHz; 2.89 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.