

Frequency Mixer

HJK-ED11755/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=138MHz (dB)		
		@LO (dBm)		
		+17	+19	+21
1560.1	1698.1	11.41	11.34	11.18
1590.1	1728.1	10.21	10.17	10.12
1620.1	1758.1	8.61	8.56	8.48
1650.1	1788.1	7.67	7.57	7.50
1680.1	1818.1	7.53	7.44	7.38
1710.1	1848.1	7.50	7.44	7.41
1740.1	1878.1	7.56	7.51	7.47
1770.1	1908.1	7.56	7.51	7.47
1800.1	1938.1	7.61	7.57	7.55
1830.1	1968.1	7.91	7.92	7.94
1860.1	1998.1	8.02	8.03	8.06
1890.1	2028.1	7.94	7.95	8.00
1920.1	2058.1	7.96	7.98	8.05
1950.1	2088.1	7.99	8.01	8.07
1980.1	2118.1	8.14	8.17	8.23
2010.1	2148.1	8.09	8.12	8.17
2040.1	2178.1	7.95	7.96	7.99
2070.1	2208.1	7.86	7.85	7.87
2100.1	2238.1	7.68	7.66	7.67
2130.1	2268.1	7.50	7.46	7.46
2160.1	2298.1	7.49	7.45	7.44
2190.1	2328.1	7.52	7.48	7.46
2220.1	2358.1	7.49	7.45	7.42
2250.1	2388.1	7.62	7.59	7.56
2280.1	2418.1	7.73	7.71	7.68
2310.1	2448.1	7.76	7.74	7.71
2330.1	2468.1	7.85	7.84	7.82
2360.1	2498.1	8.17	8.14	8.14
2380.1	2518.1	8.30	8.25	8.24
2410.1	2548.1	8.43	8.38	8.36
2430.1	2568.1	8.68	8.65	8.65
2460.1	2598.1	9.07	9.02	9.00
2480.1	2618.1	9.23	9.16	9.13
2510.1	2648.1	9.55	9.49	9.47
2530.1	2668.1	9.88	9.84	9.83
2560.1	2698.1	10.35	10.30	10.28
2580.1	2718.1	10.47	10.42	10.40
2610.1	2748.1	10.72	10.68	10.67
2630.1	2768.1	11.07	11.03	11.02
2660.1	2798.1	11.48	11.42	11.39

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+17	+19	+21
1560.1	1698.1	27.03	26.80	28.05
1590.1	1728.1	27.34	27.64	28.47
1620.1	1758.1	25.35	27.13	28.04
1650.1	1788.1	25.07	27.06	29.28
1680.1	1818.1	25.17	27.19	29.69
1710.1	1848.1	25.85	27.99	30.76
1740.1	1878.1	26.61	28.72	31.51
1770.1	1908.1	26.27	27.94	30.08
1800.1	1938.1	26.54	28.09	29.95
1830.1	1968.1	29.54	31.51	34.37
1860.1	1998.1	30.46	32.91	34.25
1890.1	2028.1	30.69	32.24	33.79
1920.1	2058.1	30.92	32.35	34.14
1950.1	2088.1	30.81	32.17	33.89
1980.1	2118.1	32.10	33.55	35.12
2010.1	2148.1	33.49	34.71	35.91
2040.1	2178.1	34.20	35.61	37.71
2070.1	2208.1	35.23	36.65	39.11
2100.1	2238.1	36.06	36.48	38.60
2130.1	2268.1	35.67	36.25	37.75
2160.1	2298.1	34.32	35.36	36.62
2190.1	2328.1	32.80	34.91	35.67
2220.1	2358.1	32.95	35.11	36.22
2250.1	2388.1	32.87	34.95	36.29
2280.1	2418.1	30.31	33.85	36.77
2310.1	2448.1	29.12	32.44	35.73
2330.1	2468.1	29.37	32.95	36.55
2360.1	2498.1	28.37	31.72	35.96
2380.1	2518.1	27.51	30.25	34.42
2410.1	2548.1	27.89	30.76	34.12
2430.1	2568.1	28.17	31.49	35.33
2460.1	2598.1	26.40	29.21	32.99
2480.1	2618.1	25.77	28.49	31.61
2510.1	2648.1	25.88	28.68	32.27
2530.1	2668.1	25.99	28.81	32.38
2560.1	2698.1	25.58	28.10	31.22
2580.1	2718.1	25.51	27.75	30.60
2610.1	2748.1	25.68	27.81	30.55
2630.1	2768.1	25.88	27.83	30.30
2660.1	2798.1	25.52	27.36	29.31

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+15dBm (dB)		
		@LO (dBm)		
		+17	+19	+21
1560.1	1698.1	0.49	0.42	0.30
1590.1	1728.1	-1.12	0.02	0.19
1620.1	1758.1	0.05	-0.31	-0.35
1650.1	1788.1	0.81	0.48	0.29
1680.1	1818.1	0.78	0.46	0.29
1710.1	1848.1	0.60	0.37	0.24
1740.1	1878.1	0.51	0.32	0.21
1770.1	1908.1	0.47	0.31	0.22
1800.1	1938.1	0.36	0.25	0.18
1830.1	1968.1	0.27	0.17	0.12
1860.1	1998.1	0.25	0.16	0.10
1890.1	2028.1	0.20	0.13	0.09
1920.1	2058.1	0.17	0.12	0.07
1950.1	2088.1	0.18	0.12	0.07
1980.1	2118.1	0.13	0.08	0.05
2010.1	2148.1	0.11	0.06	0.04
2040.1	2178.1	0.10	0.06	0.04
2070.1	2208.1	0.09	0.05	0.04
2100.1	2238.1	0.09	0.06	0.03
2130.1	2268.1	0.11	0.07	0.04
2160.1	2298.1	0.13	0.09	0.05
2190.1	2328.1	0.18	0.11	0.07
2220.1	2358.1	0.20	0.11	0.07
2250.1	2388.1	0.21	0.12	0.07
2280.1	2418.1	0.31	0.18	0.10
2310.1	2448.1	0.36	0.21	0.11
2330.1	2468.1	0.36	0.20	0.10
2360.1	2498.1	0.43	0.25	0.12
2380.1	2518.1	0.50	0.30	0.15
2410.1	2548.1	0.51	0.28	0.14
2430.1	2568.1	0.49	0.26	0.13
2460.1	2598.1	0.63	0.37	0.20
2480.1	2618.1	0.70	0.41	0.25
2510.1	2648.1	0.65	0.38	0.23
2530.1	2668.1	0.61	0.35	0.22
2560.1	2698.1	0.68	0.41	0.24
2580.1	2718.1	0.71	0.43	0.27
2610.1	2748.1	0.68	0.41	0.25
2630.1	2768.1	0.65	0.40	0.24
2660.1	2798.1	0.72	0.46	0.28

REV. X2

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2140.1001MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2064.1001MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2216.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+19			+19			+19
450.0	1690.1	11.59	10.0	2074.1	8.92	510.0	1706.1	11.55
431.7	1708.4	10.70	30.0	2094.1	8.40	500.0	1716.1	11.24
413.3	1726.8	10.16	50.0	2114.1	8.32	490.0	1726.1	10.88
385.8	1754.3	9.26	70.0	2134.1	8.31	480.0	1736.1	10.52
367.5	1772.6	8.28	90.0	2154.1	8.18	470.0	1746.1	10.07
340.0	1800.1	8.23	110.0	2174.1	8.03	460.0	1756.1	9.51
321.7	1818.4	8.22	130.0	2194.1	7.92	450.0	1766.1	8.81
294.2	1845.9	8.16	150.0	2214.1	7.79	440.0	1776.1	8.42
275.8	1864.3	8.18	190.0	2254.1	7.67	430.0	1786.1	8.40
248.3	1891.8	8.22	210.0	2274.1	7.58	420.0	1796.1	8.41
230.0	1910.1	8.24	250.0	2314.1	7.49	410.0	1806.1	8.40
202.5	1937.6	8.19	270.0	2334.1	7.58	400.0	1816.1	8.46
184.2	1955.9	8.35	310.0	2374.1	7.63	390.0	1826.1	8.44
156.7	1983.4	8.71	330.0	2394.1	7.59	380.0	1836.1	8.49
138.3	2001.8	8.72	370.0	2434.1	7.67	370.0	1846.1	8.44
110.8	2029.3	8.50	390.0	2454.1	7.67	360.0	1856.1	8.49
92.5	2047.6	8.47	430.0	2494.1	7.64	350.0	1866.1	8.41
65.0	2075.1	8.29	450.0	2514.1	7.66	340.0	1876.1	8.49
46.7	2093.4	8.30	490.0	2554.1	7.64	320.0	1896.1	8.45
19.2	2120.9	8.06	510.0	2574.1	7.64	310.0	1906.1	8.43
10.0	2150.1	8.53	550.0	2614.1	7.69	290.0	1926.1	8.42
102.5	2242.6	7.57	570.0	2634.1	7.65	280.0	1936.1	8.37
164.2	2304.3	7.34	610.0	2674.1	7.65	260.0	1956.1	8.54
256.7	2396.8	7.40	630.0	2694.1	7.67	250.0	1966.1	8.69
318.3	2458.4	7.45	670.0	2734.1	7.75	230.0	1986.1	8.93
410.8	2550.9	7.45	690.0	2754.1	7.93	220.0	1996.1	8.87
472.5	2612.6	7.65	730.0	2794.1	8.18	200.0	2016.1	8.77
565.0	2705.1	7.71	750.0	2814.1	8.29	190.0	2026.1	8.73
626.7	2766.8	7.86	790.0	2854.1	8.57	170.0	2046.1	8.53
719.2	2859.3	8.45	810.0	2874.1	8.69	160.0	2056.1	8.49
780.8	2920.9	8.85	850.0	2914.1	8.87	140.0	2076.1	8.39
873.3	3013.4	9.11	870.0	2934.1	8.97	130.0	2086.1	8.26
935.0	3075.1	9.32	910.0	2974.1	9.00	110.0	2106.1	8.15
1027.5	3167.6	10.13	930.0	2994.1	8.95	100.0	2116.1	8.13
1089.2	3229.3	10.45	970.0	3034.1	9.22	80.0	2136.1	8.04
1181.7	3321.8	9.28	990.0	3054.1	9.43	70.0	2146.1	8.00
1243.3	3383.4	9.10	1030.0	3094.1	9.86	50.0	2166.1	7.98
1335.8	3475.9	9.90	1050.0	3114.1	10.15	40.0	2176.1	7.93
1397.5	3537.6	10.40	1090.0	3154.1	10.76	20.0	2196.1	7.86
1490.0	3630.1	11.01	1110.0	3174.1	10.82	10.0	2206.1	8.27

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+17	+19	+21	+17	+19	+21
1698.1	33.72	34.35	35.32	34.39	34.84	35.43
1728.1	33.99	34.69	35.42	34.73	35.19	35.65
1758.1	34.45	35.26	36.08	35.29	35.69	36.07
1788.1	35.10	36.11	37.17	35.23	35.52	35.84
1818.1	35.52	36.60	37.76	34.85	35.14	35.44
1848.1	36.34	37.61	38.87	34.38	34.62	34.89
1878.1	37.74	39.41	40.99	33.27	33.46	33.70
1908.1	41.11	43.27	44.17	31.39	31.52	31.64
1938.1	41.58	38.81	36.65	28.86	28.80	28.81
1968.1	35.05	33.73	32.77	26.54	26.51	26.47
1998.1	35.95	35.29	34.65	26.74	26.80	26.80
2028.1	34.64	34.95	34.97	28.33	28.43	28.40
2058.1	32.58	33.11	33.54	30.19	30.30	30.32
2088.1	30.70	31.22	31.65	31.94	32.12	32.26
2118.1	29.44	29.80	30.45	33.48	33.74	34.22
2148.1	28.94	29.47	30.16	35.41	36.06	36.91
2178.1	29.07	29.64	30.54	38.29	39.59	41.23
2208.1	28.69	29.28	30.14	45.74	44.89	43.02
2238.1	27.76	28.15	28.79	37.53	36.18	35.40
2268.1	28.26	28.81	29.56	36.89	36.14	35.89
2298.1	30.07	30.92	31.92	39.92	39.62	39.31
2328.1	32.26	33.38	34.57	43.96	43.80	43.45
2358.1	33.93	35.06	36.18	50.07	50.66	50.13
2388.1	35.79	36.99	38.14	54.61	60.38	62.26
2418.1	37.32	38.65	39.95	47.44	48.26	48.19
2448.1	39.80	41.31	42.83	43.35	43.50	43.21
2468.1	41.82	43.50	45.20	41.32	41.38	41.16
2498.1	44.28	46.00	47.82	38.99	38.97	38.68
2518.1	45.98	47.48	48.91	37.64	37.59	37.34
2548.1	50.67	50.53	49.81	36.00	35.79	35.67
2568.1	52.15	49.84	48.08	35.11	34.88	34.87
2598.1	49.58	46.90	44.95	34.01	33.83	33.71
2618.1	48.26	45.87	44.23	33.43	33.24	33.27
2648.1	47.33	45.45	44.11	32.31	32.16	32.21
2668.1	46.88	45.29	44.22	31.55	31.40	31.48
2698.1	45.78	44.81	43.98	30.60	30.55	30.53
2718.1	44.63	44.17	43.53	29.91	30.00	29.97
2748.1	43.30	42.95	42.67	28.96	28.93	29.00
2768.1	42.46	42.43	42.12	28.40	28.49	28.45
2798.1	41.31	41.40	41.36	27.74	27.74	27.78

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+17	+19	+21
1560.1	1698.1	28.43	28.44	28.44
1590.1	1728.1	28.15	28.28	28.33
1620.1	1758.1	28.27	28.33	28.43
1650.1	1788.1	29.58	29.63	29.63
1680.1	1818.1	29.65	29.69	29.69
1710.1	1848.1	29.57	29.57	29.55
1740.1	1878.1	29.51	29.56	29.56
1770.1	1908.1	29.17	29.16	29.12
1800.1	1938.1	28.53	28.40	28.25
1830.1	1968.1	27.09	26.86	26.65
1860.1	1998.1	26.81	26.70	26.61
1890.1	2028.1	28.30	28.25	28.24
1920.1	2058.1	31.27	31.25	31.25
1950.1	2088.1	31.98	32.09	32.24
1980.1	2118.1	30.46	30.76	31.02
2010.1	2148.1	28.77	29.06	29.27
2040.1	2178.1	27.20	27.43	27.61
2070.1	2208.1	26.61	26.84	27.07
2100.1	2238.1	26.37	26.59	26.86
2130.1	2268.1	25.73	25.95	26.19
2160.1	2298.1	25.27	25.51	25.81
2190.1	2328.1	26.21	26.61	26.97
2220.1	2358.1	27.36	27.72	28.09
2250.1	2388.1	27.86	28.20	28.54
2280.1	2418.1	27.80	28.10	28.44
2310.1	2448.1	27.59	27.89	28.26
2330.1	2468.1	27.32	27.64	27.99
2360.1	2498.1	26.86	27.13	27.48
2380.1	2518.1	26.57	26.84	27.15
2410.1	2548.1	26.32	26.58	26.88
2430.1	2568.1	26.11	26.37	26.63
2460.1	2598.1	25.85	26.10	26.35
2480.1	2618.1	25.34	25.57	25.79
2510.1	2648.1	25.01	25.24	25.46
2530.1	2668.1	24.85	25.09	25.32
2560.1	2698.1	24.45	24.69	24.93
2580.1	2718.1	24.29	24.52	24.77
2610.1	2748.1	24.07	24.31	24.56
2630.1	2768.1	23.87	24.11	24.37
2660.1	2798.1	23.56	23.80	24.05

Frequency Mixer

HJK-ED11755/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=2308MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+17	+19	+21		+17	+19	+21		+17	+19	+21
1560.1	1698.1	1.56	1.66	1.77	1698.1	15.96	15.39	14.62	10.0	1.44	1.48	1.52
1590.1	1728.1	1.56	1.66	1.76	1728.1	17.75	17.22	16.41	50.0	1.39	1.43	1.48
1620.1	1758.1	1.50	1.58	1.66	1758.1	17.75	17.39	16.72	90.0	1.44	1.49	1.53
1650.1	1788.1	1.45	1.52	1.59	1788.1	16.56	15.67	14.50	130.0	1.44	1.49	1.53
1680.1	1818.1	1.42	1.49	1.56	1818.1	15.53	14.87	14.03	170.0	1.52	1.57	1.61
1710.1	1848.1	1.41	1.48	1.55	1848.1	14.38	14.03	13.49	210.0	1.57	1.61	1.66
1740.1	1878.1	1.40	1.47	1.54	1878.1	12.09	11.53	10.89	250.0	1.65	1.70	1.75
1770.1	1908.1	1.39	1.46	1.53	1908.1	10.31	9.90	9.33	290.0	1.71	1.76	1.81
1800.1	1938.1	1.40	1.48	1.55	1938.1	8.77	8.47	8.20	330.0	1.77	1.83	1.88
1830.1	1968.1	1.51	1.60	1.68	1968.1	7.00	6.73	6.46	370.0	1.88	1.94	2.00
1860.1	1998.1	1.60	1.69	1.78	1998.1	6.05	5.85	5.61	410.0	1.94	2.00	2.06
1890.1	2028.1	1.65	1.73	1.82	2028.1	5.41	5.28	5.13	450.0	2.03	2.10	2.17
1920.1	2058.1	1.73	1.81	1.91	2058.1	4.59	4.46	4.33	490.0	2.09	2.15	2.22
1950.1	2088.1	1.81	1.89	1.99	2088.1	3.81	3.72	3.59	530.0	2.17	2.25	2.32
1980.1	2118.1	1.86	1.95	2.04	2118.1	3.23	3.18	3.09	570.0	2.29	2.36	2.44
2010.1	2148.1	1.90	1.99	2.07	2148.1	2.78	2.74	2.68	610.0	2.36	2.44	2.52
2040.1	2178.1	1.88	1.96	2.04	2178.1	2.52	2.51	2.49	650.0	2.45	2.54	2.62
2070.1	2208.1	1.84	1.92	2.00	2208.1	2.49	2.52	2.54	690.0	2.52	2.60	2.69
2100.1	2238.1	1.82	1.90	1.97	2238.1	2.68	2.73	2.77	730.0	2.59	2.68	2.78
2130.1	2268.1	1.83	1.90	1.98	2268.1	3.14	3.22	3.31	750.0	2.57	2.67	2.75
2160.1	2298.1	1.82	1.89	1.97	2298.1	3.74	3.84	3.95	790.0	2.55	2.63	2.72
2190.1	2328.1	1.83	1.90	1.98	2328.1	4.29	4.35	4.39	810.0	2.56	2.65	2.73
2220.1	2358.1	1.89	1.97	2.06	2358.1	5.12	5.20	5.28	850.0	2.53	2.62	2.70
2250.1	2388.1	1.94	2.03	2.13	2388.1	6.05	6.15	6.24	870.0	2.50	2.57	2.66
2280.1	2418.1	1.97	2.06	2.15	2418.1	6.73	6.71	6.61	910.0	2.52	2.60	2.68
2310.1	2448.1	2.06	2.16	2.26	2448.1	7.70	7.70	7.63	930.0	2.58	2.66	2.74
2330.1	2468.1	2.14	2.24	2.34	2468.1	8.43	8.47	8.51	970.0	2.63	2.71	2.79
2360.1	2498.1	2.22	2.32	2.42	2498.1	9.33	9.23	9.04	990.0	2.72	2.80	2.88
2380.1	2518.1	2.30	2.39	2.49	2518.1	9.53	9.28	8.77	1030.0	2.89	2.97	3.06
2410.1	2548.1	2.48	2.57	2.66	2548.1	10.56	10.43	10.13	1050.0	2.88	2.97	3.05
2430.1	2568.1	2.61	2.71	2.79	2568.1	11.17	11.09	10.89	1090.0	3.05	3.14	3.22
2460.1	2598.1	2.75	2.85	2.94	2598.1	11.24	10.89	10.25	1110.0	3.15	3.24	3.33
2480.1	2618.1	2.89	2.97	3.06	2618.1	11.38	10.82	10.02	1150.0	3.26	3.37	3.47
2510.1	2648.1	3.14	3.23	3.33	2648.1	12.52	12.26	11.77	1170.0	3.30	3.42	3.54
2530.1	2668.1	3.30	3.40	3.49	2668.1	13.09	12.80	12.44	1210.0	3.22	3.33	3.45
2560.1	2698.1	3.49	3.59	3.69	2698.1	12.99	12.35	11.38	1230.0	3.18	3.28	3.38
2580.1	2718.1	3.65	3.76	3.86	2718.1	13.19	12.44	11.38	1270.0	3.20	3.29	3.38
2610.1	2748.1	3.93	4.04	4.15	2748.1	14.50	14.15	13.60	1290.0	3.29	3.37	3.47
2630.1	2768.1	4.10	4.21	4.32	2768.1	14.62	14.26	13.60	1330.0	3.38	3.47	3.56
2660.1	2798.1	4.34	4.45	4.56	2798.1	13.81	12.99	11.93	1350.0	3.42	3.51	3.60

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	6	24	24	21	32	26	49	63	68
1	-	18	+0	42	42	47	39	38	53	38	>83	>83
2	58	55	62	50	62	65	79	65	73	79	67	>83
3	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>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: 2140.1 MHz; 0.00 dBm.
LO IN: 2278.1 MHz; +19.00 dBm
IF OUT: 138 MHz; -7.49 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	16	34	34	31	41	38	59	75	81
1	-	18	+0	42	42	48	39	38	53	38	86	90
2	38	45	52	41	53	54	74	57	65	69	60	84
3	65	74	64	67	62	74	72	79	77	81	87	76
4	>90	88	>92	74	80	75	>92	88	89	84	82	90
5	>90	>92	>92	>92	88	>92	84	92	>92	>92	>92	>92
6	>90	>92	>92	>92	>92	90	92	90	92	>92	>92	>92
7	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2140.1 MHz; 10.00 dBm.
LO IN: 2278.1 MHz; +19.00 dBm
IF OUT: 138 MHz; 2.4 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.