

Frequency Mixer

MCA-19FMH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=90MHz (dB)		
		@LO (dBm)		
		+10	+13	+16
1440.1	1350.1	11.88	10.13	8.98
1475.1	1385.1	10.77	9.50	8.85
1510.1	1420.1	10.49	9.35	8.66
1545.1	1455.1	10.07	8.96	8.29
1580.1	1490.1	9.34	8.43	8.74
1615.1	1525.1	8.78	7.95	7.52
1650.1	1560.1	8.21	7.62	7.34
1685.1	1595.1	7.77	7.38	7.21
1720.1	1630.1	7.51	7.25	7.15
1755.1	1665.1	7.29	7.13	7.07
1790.1	1700.1	7.21	7.13	7.12
1825.1	1735.1	7.26	7.27	7.34
1860.1	1770.1	7.24	7.26	7.33
1895.1	1805.1	7.20	7.19	7.21
1930.1	1840.1	7.32	7.31	7.36
1965.1	1875.1	7.26	7.25	7.30
2000.1	1910.1	7.40	7.33	7.33
2035.1	1945.1	7.71	7.55	7.47
2070.1	1980.1	7.77	7.60	7.50
2105.1	2015.1	7.93	7.76	7.67
2140.1	2050.1	8.15	7.90	7.78
2175.1	2085.1	8.10	7.80	7.64
2210.1	2120.1	8.41	8.03	7.84
2245.1	2155.1	8.66	8.19	7.92
2280.1	2190.1	8.65	8.21	7.97
2315.1	2225.1	9.13	8.61	8.35
2350.1	2260.1	9.41	8.84	8.57
2385.1	2295.1	9.61	8.93	8.64
2420.1	2330.1	10.20	9.30	8.87
2455.1	2365.1	10.07	9.20	8.72
2490.1	2400.1	10.22	9.33	8.83
2525.1	2435.1	10.77	9.67	9.06
2560.1	2470.1	10.50	9.51	8.92
2595.1	2505.1	10.79	9.72	9.12
2630.1	2540.1	11.05	9.91	9.23
2665.1	2575.1	10.83	9.72	9.11
2700.1	2610.1	11.21	10.07	9.39
2735.1	2645.1	11.31	10.10	9.41
2765.1	2675.1	11.10	9.98	9.30
2800.1	2710.1	11.49	10.33	9.62

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
1440.1	1350.1	14.16	13.60	13.49
1475.1	1385.1	13.80	14.05	15.50
1510.1	1420.1	15.04	17.18	20.97
1545.1	1455.1	18.75	21.73	23.13
1580.1	1490.1	22.12	20.66	20.34
1615.1	1525.1	19.41	18.99	20.63
1650.1	1560.1	18.87	19.58	22.50
1685.1	1595.1	19.10	21.58	25.42
1720.1	1630.1	19.85	23.21	27.58
1755.1	1665.1	21.82	26.04	30.35
1790.1	1700.1	23.12	27.98	33.39
1825.1	1735.1	25.49	31.42	34.32
1860.1	1770.1	27.45	33.16	35.23
1895.1	1805.1	27.78	32.45	34.70
1930.1	1840.1	27.38	31.74	35.42
1965.1	1875.1	25.22	30.80	36.11
2000.1	1910.1	23.95	29.60	33.74
2035.1	1945.1	21.87	26.80	31.48
2070.1	1980.1	21.03	24.79	30.92
2105.1	2015.1	20.56	23.32	27.71
2140.1	2050.1	20.69	22.72	25.80
2175.1	2085.1	21.95	23.46	25.29
2210.1	2120.1	22.79	24.37	25.49
2245.1	2155.1	20.94	23.70	25.82
2280.1	2190.1	20.61	24.37	27.25
2315.1	2225.1	19.92	23.37	27.18
2350.1	2260.1	19.72	21.66	23.36
2385.1	2295.1	18.54	19.91	23.97
2420.1	2330.1	17.91	19.16	23.29
2455.1	2365.1	17.49	19.35	23.38
2490.1	2400.1	17.43	19.31	23.15
2525.1	2435.1	16.90	18.49	21.82
2560.1	2470.1	16.49	18.18	21.95
2595.1	2505.1	16.04	18.06	21.63
2630.1	2540.1	16.03	17.81	21.08
2665.1	2575.1	16.59	18.38	21.19
2700.1	2610.1	16.65	18.18	21.01
2735.1	2645.1	20.37	18.13	21.04
2765.1	2675.1	16.52	18.31	22.13
2800.1	2710.1	16.64	18.44	22.28

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+13dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
1440.1	1350.1	2.55	2.57	2.44
1475.1	1385.1	2.22	1.91	1.36
1510.1	1420.1	1.66	1.32	0.87
1545.1	1455.1	1.42	1.23	0.91
1580.1	1490.1	1.23	1.07	-0.06
1615.1	1525.1	1.21	1.05	0.77
1650.1	1560.1	1.16	0.90	0.61
1685.1	1595.1	1.06	0.73	0.41
1720.1	1630.1	1.02	0.61	0.29
1755.1	1665.1	0.75	0.36	0.16
1790.1	1700.1	0.56	0.25	0.12
1825.1	1735.1	0.37	0.15	0.06
1860.1	1770.1	0.26	0.11	0.05
1895.1	1805.1	0.26	0.12	0.05
1930.1	1840.1	0.28	0.14	0.07
1965.1	1875.1	0.40	0.18	0.09
2000.1	1910.1	0.40	0.19	0.10
2035.1	1945.1	0.42	0.18	0.11
2070.1	1980.1	0.47	0.19	0.09
2105.1	2015.1	0.59	0.26	0.09
2140.1	2050.1	0.75	0.37	0.13
2175.1	2085.1	0.84	0.43	0.19
2210.1	2120.1	1.11	0.60	0.30
2245.1	2155.1	1.40	0.86	0.43
2280.1	2190.1	1.44	0.86	0.37
2315.1	2225.1	1.49	0.96	0.45
2350.1	2260.1	1.33	0.96	0.54
2385.1	2295.1	1.23	1.01	0.61
2420.1	2330.1	1.10	1.00	0.71
2455.1	2365.1	1.03	0.96	0.69
2490.1	2400.1	0.96	0.91	0.68
2525.1	2435.1	0.83	0.86	0.74
2560.1	2470.1	0.79	0.86	0.72
2595.1	2505.1	0.70	0.82	0.71
2630.1	2540.1	0.63	0.76	0.68
2665.1	2575.1	0.61	0.69	0.61
2700.1	2610.1	0.50	0.64	0.58
2735.1	2645.1	0.54	0.67	0.59
2765.1	2675.1	0.59	0.67	0.54
2800.1	2710.1	0.54	0.63	0.52

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1880.1MHz (dB)
		@LO (dBm)
		+13
460.0	1420.1	10.39
433.5	1446.6	10.15
407.1	1473.0	9.73
380.6	1499.5	9.11
354.1	1526.0	8.70
327.6	1552.5	8.43
301.2	1578.9	8.13
274.7	1605.4	7.93
248.2	1631.9	7.79
221.8	1658.3	7.62
195.3	1684.8	7.50
168.8	1711.3	7.46
142.4	1737.7	7.45
115.9	1764.2	7.33
89.4	1790.7	7.16
62.9	1817.2	7.09
36.5	1843.6	7.12
10.0	1870.1	7.21
36.8	1916.9	7.04
90.3	1970.4	7.16
143.8	2023.9	7.39
197.4	2077.5	7.66
250.9	2131.0	7.93
277.6	2157.7	8.07
331.2	2211.3	8.19
357.9	2238.0	8.35
411.5	2291.6	8.86
438.2	2318.3	9.09
491.8	2371.9	9.24
518.5	2398.6	9.28
572.1	2452.2	9.49
598.8	2478.9	9.26
652.4	2532.5	9.48
679.1	2559.2	9.56
732.6	2612.7	9.98
759.4	2639.5	10.17
812.9	2693.0	10.01
839.7	2719.8	10.08
893.2	2773.3	9.87
920.0	2800.1	9.85

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1850.1MHz (dB)
		@LO (dBm)
		+13
10.0	1860.1	7.30
30.0	1880.1	7.11
50.0	1900.1	7.06
70.0	1920.1	7.04
90.0	1940.1	7.07
110.0	1960.1	7.16
130.0	1980.1	7.20
150.0	2000.1	7.30
170.0	2020.1	7.39
190.0	2040.1	7.54
210.0	2060.1	7.66
230.0	2080.1	7.74
250.0	2100.1	7.82
270.0	2120.1	7.93
290.0	2140.1	8.06
310.0	2160.1	8.15
330.0	2180.1	8.19
350.0	2200.1	8.20
370.0	2220.1	8.34
390.0	2240.1	8.45
410.0	2260.1	8.65
430.0	2280.1	8.85
450.0	2300.1	8.99
470.0	2320.1	9.15
510.0	2360.1	9.31
530.0	2380.1	9.30
570.0	2420.1	9.55
590.0	2440.1	9.44
630.0	2480.1	9.29
650.0	2500.1	9.34
690.0	2540.1	9.64
710.0	2560.1	9.63
750.0	2600.1	9.93
770.0	2620.1	10.16
810.0	2660.1	10.12
830.0	2680.1	10.06
870.0	2720.1	9.98
890.0	2740.1	9.95
930.0	2780.1	9.82
950.0	2800.1	9.77

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1910.1MHz (dB)
		@LO (dBm)
		+13
490.0	1420.1	10.49
477.7	1432.4	10.38
465.4	1444.7	10.09
453.1	1457.0	10.09
440.8	1469.3	9.97
428.5	1481.6	9.66
416.2	1493.9	9.32
403.8	1506.3	9.12
391.5	1518.6	8.95
379.2	1530.9	8.81
366.9	1543.2	8.67
354.6	1555.5	8.50
342.3	1567.8	8.38
330.0	1580.1	8.23
317.7	1592.4	8.18
305.4	1604.7	8.09
293.1	1617.0	8.03
280.8	1629.3	7.93
268.5	1641.6	7.91
256.2	1653.9	7.83
243.8	1666.3	7.75
231.5	1678.6	7.72
219.2	1690.9	7.66
206.9	1703.2	7.66
194.6	1715.5	7.60
182.3	1727.8	7.63
170.0	1740.1	7.56
157.7	1752.4	7.60
145.4	1764.7	7.50
133.1	1777.0	7.48
120.8	1789.3	7.38
108.5	1801.6	7.39
96.2	1813.9	7.29
83.8	1826.3	7.23
71.5	1838.6	7.25
59.2	1850.9	7.23
46.9	1863.2	7.22
34.6	1875.5	7.14
22.3	1887.8	7.12
10.0	1900.1	7.17

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
1350.1	29.47	30.30	30.35	22.70	23.20	23.62
1385.1	32.39	32.71	32.22	24.28	25.09	25.91
1420.1	34.44	34.56	34.02	25.86	27.06	28.25
1455.1	36.06	37.09	37.52	27.49	29.15	30.75
1490.1	36.59	37.31	36.28	29.37	31.28	31.69
1525.1	37.03	37.21	37.40	30.10	31.69	33.04
1560.1	37.82	37.70	37.61	31.17	32.37	33.17
1595.1	38.31	38.11	38.06	32.08	32.79	33.14
1630.1	38.94	38.75	38.69	32.12	32.34	32.31
1665.1	39.26	39.10	39.04	31.50	31.37	31.14
1700.1	41.34	41.60	41.86	30.28	30.13	29.96
1735.1	42.96	43.17	43.40	29.80	29.53	29.34
1770.1	41.61	41.27	40.90	29.55	29.38	29.23
1805.1	41.42	41.00	40.65	29.82	29.83	29.87
1840.1	41.74	41.36	41.02	30.87	31.12	31.39
1875.1	42.16	41.79	41.49	31.61	32.00	32.45
1910.1	42.73	42.36	42.10	32.17	32.40	32.69
1945.1	43.34	43.08	42.84	32.36	32.26	32.23
1980.1	43.43	43.20	42.95	32.53	32.17	31.85
2015.1	43.57	43.23	42.92	33.20	32.57	31.97
2050.1	43.56	43.04	42.60	33.83	33.08	32.36
2085.1	43.63	43.05	42.63	34.58	33.74	33.09
2120.1	43.72	42.92	42.62	36.00	35.11	34.69
2155.1	43.45	42.34	41.50	38.27	37.62	37.15
2190.1	43.63	42.34	41.18	41.20	41.33	41.57
2225.1	44.95	42.92	41.27	46.64	52.59	64.35
2260.1	50.25	48.76	47.44	42.64	42.87	41.66
2295.1	51.77	52.76	53.12	38.88	38.54	37.92
2330.1	49.87	50.86	51.16	37.93	37.28	36.59
2365.1	49.38	50.06	50.34	37.55	36.65	35.76
2400.1	49.32	49.77	49.87	37.34	36.30	35.20
2435.1	49.77	49.82	49.86	37.33	35.89	34.87
2470.1	50.58	50.80	50.86	36.15	35.07	33.99
2505.1	52.65	52.71	52.97	35.45	34.28	33.52
2540.1	55.66	55.79	55.71	34.58	33.56	32.75
2575.1	63.47	63.47	62.99	33.57	32.53	31.89
2610.1	64.50	61.58	60.15	32.89	32.18	31.54
2645.1	54.52	53.26	52.66	32.31	31.87	31.64
2675.1	50.39	50.03	49.64	31.54	31.39	31.01
2710.1	47.18	46.83	46.57	30.40	30.28	29.99

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
1440.1	1350.1	19.35	18.60	18.71
1475.1	1385.1	20.08	19.43	19.31
1510.1	1420.1	19.72	19.17	19.86
1545.1	1455.1	19.63	19.46	20.66
1580.1	1490.1	20.30	21.61	21.31
1615.1	1525.1	21.83	23.97	26.57
1650.1	1560.1	24.43	27.14	29.92
1685.1	1595.1	28.95	31.92	34.28
1720.1	1630.1	34.27	35.94	36.23
1755.1	1665.1	37.46	35.57	34.34
1790.1	1700.1	33.24	31.61	30.52
1825.1	1735.1	33.06	31.88	31.09
1860.1	1770.1	34.34	34.03	33.89
1895.1	1805.1	33.50	33.88	34.21
1930.1	1840.1	31.60	32.10	32.59
1965.1	1875.1	30.20	30.83	31.44
2000.1	1910.1	28.87	29.39	29.97
2035.1	1945.1	27.52	27.90	28.31
2070.1	1980.1	26.34	26.71	27.09
2105.1	2015.1	25.16	25.53	25.92
2140.1	2050.1	24.29	24.72	25.19
2175.1	2085.1	23.61	24.09	24.67
2210.1	2120.1	23.07	23.49	24.01
2245.1	2155.1	22.49	22.79	23.17
2280.1	2190.1	22.36	22.68	23.03
2315.1	2225.1	21.90	22.26	22.62
2350.1	2260.1	21.26	21.49	21.82
2385.1	2295.1	20.73	20.95	21.38
2420.1	2330.1	20.55	20.80	21.23
2455.1	2365.1	20.49	20.77	21.25
2490.1	2400.1	20.69	20.93	21.43
2525.1	2435.1	20.97	21.09	21.49
2560.1	2470.1	21.54	21.60	21.89
2595.1	2505.1	22.38	22.36	22.54
2630.1	2540.1	23.50	23.53	23.74
2665.1	2575.1	24.74	24.97	25.22
2700.1	2610.1	26.15	26.39	26.59
2735.1	2645.1	27.38	27.35	27.30
2765.1	2675.1	29.05	28.84	28.67
2800.1	2710.1	33.00	32.17	31.30

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)		
		@LO (dBm)		
		+10	+13	+16
1440.1	1350.1	3.65	2.98	2.46
1475.1	1385.1	3.05	2.46	2.01
1510.1	1420.1	2.58	2.07	1.70
1545.1	1455.1	2.23	1.77	1.45
1580.1	1490.1	1.84	1.47	1.26
1615.1	1525.1	1.62	1.30	1.14
1650.1	1560.1	1.41	1.16	1.12
1685.1	1595.1	1.18	1.07	1.20
1720.1	1630.1	1.05	1.13	1.29
1755.1	1665.1	1.10	1.26	1.42
1790.1	1700.1	1.26	1.42	1.57
1825.1	1735.1	1.42	1.59	1.74
1860.1	1770.1	1.54	1.70	1.84
1895.1	1805.1	1.63	1.77	1.90
1930.1	1840.1	1.69	1.83	1.96
1965.1	1875.1	1.71	1.84	1.98
2000.1	1910.1	1.79	1.91	2.04
2035.1	1945.1	1.87	1.97	2.08
2070.1	1980.1	1.92	2.01	2.11
2105.1	2015.1	1.98	2.05	2.14
2140.1	2050.1	2.07	2.11	2.18
2175.1	2085.1	2.13	2.15	2.20
2210.1	2120.1	2.22	2.20	2.23
2245.1	2155.1	2.40	2.34	2.34
2280.1	2190.1	2.50	2.40	2.38
2315.1	2225.1	2.62	2.46	2.38
2350.1	2260.1	2.72	2.48	2.39
2385.1	2295.1	2.66	2.43	2.35
2420.1	2330.1	2.75	2.47	2.35
2455.1	2365.1	2.86	2.57	2.43
2490.1	2400.1	2.93	2.61	2.43
2525.1	2435.1	3.09	2.69	2.47
2560.1	2470.1	3.17	2.78	2.53
2595.1	2505.1	3.26	2.82	2.56
2630.1	2540.1	3.33	2.87	2.58
2665.1	2575.1	3.37	2.91	2.62
2700.1	2610.1	3.44	2.96	2.63
2735.1	2645.1	3.44	2.95	2.64
2765.1	2675.1	3.42	2.95	2.61
2800.1	2710.1	3.38	2.92	2.58

LO (MHz)	LO VSWR (:1)		
	@LO (dBm)		
	+10	+13	+16
1350.1	13.39	12.99	13.39
1385.1	15.81	15.53	16.56
1420.1	16.89	16.56	17.39
1455.1	16.89	16.41	17.39
1490.1	15.96	15.53	15.67
1525.1	14.62	14.15	14.62
1560.1	13.19	12.71	13.29
1595.1	11.09	10.62	10.96
1630.1	8.81	8.35	8.47
1665.1	6.42	6.05	6.05
1700.1	4.29	4.02	3.95
1735.1	2.80	2.63	2.56
1770.1	1.96	1.90	1.87
1805.1	2.04	2.10	2.16
1840.1	2.89	3.02	3.13
1875.1	4.18	4.36	4.53
1910.1	5.74	5.95	6.17
1945.1	7.28	7.47	7.66
1980.1	8.99	9.18	9.53
2015.1	10.43	10.50	10.82
2050.1	11.61	11.61	11.85
2085.1	12.80	12.80	13.39
2120.1	13.29	12.99	13.39
2155.1	13.70	13.29	13.60
2190.1	14.15	13.60	13.81
2225.1	13.70	12.99	12.80
2260.1	13.81	13.49	13.92
2295.1	15.26	15.00	15.81
2330.1	15.96	15.39	15.67
2365.1	16.72	16.11	16.72
2400.1	17.05	16.56	17.22
2435.1	17.05	16.26	16.56
2470.1	17.39	16.72	17.57
2505.1	17.39	16.72	17.39
2540.1	16.72	15.96	16.26
2575.1	16.41	15.81	16.72
2610.1	15.67	15.00	15.53
2645.1	15.26	14.50	14.87
2675.1	15.00	14.38	15.26
2710.1	14.38	13.70	14.15

IF (OUT) (MHz)	IF VSWR @LO=1820MHz (:1)		
	@LO (dBm)		
	+10	+13	+16
10.0	1.31	1.44	1.57
50.0	1.31	1.44	1.57
90.0	1.39	1.51	1.62
130.0	1.53	1.62	1.73
170.0	1.64	1.71	1.79
210.0	1.83	1.88	1.94
250.0	1.93	1.97	2.03
290.0	2.09	2.12	2.16
330.0	2.22	2.24	2.28
370.0	2.30	2.32	2.35
410.0	2.49	2.51	2.53
450.0	2.50	2.49	2.51
490.0	2.56	2.53	2.53
530.0	2.58	2.54	2.52
570.0	2.52	2.46	2.44
610.0	2.55	2.49	2.46
650.0	2.49	2.40	2.36
710.0	2.49	2.39	2.33
750.0	2.42	2.29	2.21
810.0	2.39	2.25	2.16
850.0	2.36	2.21	2.10
910.0	2.24	2.24	2.03
950.0	2.32	2.15	2.03
1010.0	2.06	1.90	1.79
1050.0	2.16	1.99	1.87
1110.0	1.88	1.73	1.61
1150.0	1.88	1.73	1.62
1210.0	1.58	1.43	1.32
1250.0	1.59	1.44	1.32
1310.0	1.60	1.47	1.36
1350.0	1.61	1.48	1.37
1410.0	1.57	1.45	1.36
1450.0	1.53	1.42	1.33
1510.0	1.47	1.39	1.33
1550.0	1.52	1.48	1.45
1610.0	1.58	1.62	1.65
1650.0	1.77	1.85	1.92
1710.0	1.90	2.05	2.20
1750.0	2.04	2.24	2.42
1810.0	1.98	2.18	2.37

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	21	22	28	37	40	28	45	35	47
1	-	27	+0	42	19	38	28	47	48	41	63	56
2	64	56	56	>81	60	67	68	74	73	69	64	78
3	>90	80	73	>81	72	>81	77	>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	>90	>81	>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	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 1860.1 MHz; -2.00 dBm.
 LO IN: 1790.1 MHz; +13.00 dBm
 IF OUT: 70 MHz; -9.16 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	31	32	39	47	47	39	58	47	52
1	-	27	+0	42	19	38	29	48	50	43	73	58
2	44	46	45	69	50	56	60	63	64	60	56	66
3	73	62	51	69	47	77	54	66	59	69	68	69
4	>90	84	81	82	77	79	77	77	77	81	86	86
5	>90	>91	81	>91	77	85	70	90	75	>91	79	>91
6	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
7	>90	>91	>91	>91	90	>91	89	>91	85	>91	>91	>91
8	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
9	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	>90	>91	>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: 1860.1 MHz; 8.00 dBm.
 LO IN: 1790.1 MHz; +13.00 dBm
 IF OUT: 70 MHz; 0.79 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.