

Frequency Mixer

HJK-ED13304A/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=1803MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
817.1	2620.1	9.05	8.94	8.94
897.1	2700.1	9.12	8.99	8.98
977.1	2780.1	9.16	9.00	9.00
1057.1	2860.1	9.28	9.09	9.06
1137.1	2940.1	9.16	8.93	8.86
1217.1	3020.1	9.00	8.76	8.64
1297.1	3100.1	8.90	8.63	8.48
1377.1	3180.1	8.82	8.52	8.37
1457.1	3260.1	8.83	8.51	8.35
1537.1	3340.1	9.11	8.81	8.65
1617.1	3420.1	9.20	8.88	8.72
1697.1	3500.1	9.25	8.94	8.75
1777.1	3580.1	9.46	9.24	9.12
1857.1	3660.1	9.25	9.09	9.07
1937.1	3740.1	9.01	8.77	8.67
2017.1	3820.1	9.10	8.93	8.89
2097.1	3900.1	8.82	8.65	8.62
2177.1	3980.1	8.18	7.86	7.67
2257.1	4060.1	7.87	7.51	7.28
2337.1	4140.1	7.96	7.63	7.43
2417.1	4220.1	8.27	7.96	7.77
2497.1	4300.1	8.54	8.30	8.18
2577.1	4380.1	8.55	8.30	8.19
2657.1	4460.1	8.59	8.32	8.21
2737.1	4540.1	8.63	8.34	8.20
2817.1	4620.1	8.68	8.36	8.20
2897.1	4700.1	8.97	8.69	8.55
2977.1	4780.1	9.20	8.94	8.84
3057.1	4860.1	9.36	9.10	8.98
3137.1	4940.1	9.71	9.46	9.36
3217.1	5020.1	10.05	9.80	9.72
3297.1	5100.1	10.43	10.24	10.19
3377.1	5180.1	10.65	10.42	10.36
3457.1	5260.1	10.72	10.47	10.39
3537.1	5340.1	10.92	10.61	10.51
3617.1	5420.1	11.17	10.85	10.75
3697.1	5500.1	11.61	11.29	11.18
3777.1	5580.1	11.92	11.56	11.43
3857.1	5660.1	12.17	11.72	11.52
3957.1	5760.1	12.75	12.26	12.00

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
817.1	2620.1	15.11	17.04	19.65
897.1	2700.1	16.22	18.40	20.76
977.1	2780.1	15.48	18.74	21.08
1057.1	2860.1	14.77	17.95	21.04
1137.1	2940.1	14.64	17.64	19.84
1217.1	3020.1	14.85	17.60	20.04
1297.1	3100.1	15.65	18.23	20.45
1377.1	3180.1	15.86	17.55	19.34
1457.1	3260.1	15.06	16.86	18.27
1537.1	3340.1	15.39	17.89	19.78
1617.1	3420.1	15.28	17.90	20.07
1697.1	3500.1	17.02	19.00	20.19
1777.1	3580.1	18.11	20.50	21.78
1857.1	3660.1	18.26	21.43	23.36
1937.1	3740.1	17.08	19.50	21.55
2017.1	3820.1	17.90	19.96	22.53
2097.1	3900.1	18.21	20.53	22.42
2177.1	3980.1	17.51	19.78	22.24
2257.1	4060.1	17.48	19.77	21.40
2337.1	4140.1	17.38	20.11	21.35
2417.1	4220.1	16.85	19.77	21.57
2497.1	4300.1	16.84	19.84	21.93
2577.1	4380.1	16.94	19.43	21.99
2657.1	4460.1	16.76	19.56	22.10
2737.1	4540.1	16.36	19.20	21.77
2817.1	4620.1	16.13	19.05	21.80
2897.1	4700.1	15.62	18.83	22.07
2977.1	4780.1	15.21	18.07	20.95
3057.1	4860.1	15.33	17.79	20.35
3137.1	4940.1	14.78	17.40	20.04
3217.1	5020.1	14.66	17.88	20.54
3297.1	5100.1	15.34	18.17	20.89
3377.1	5180.1	14.90	17.76	20.47
3457.1	5260.1	14.79	17.67	20.83
3537.1	5340.1	14.37	17.85	21.50
3617.1	5420.1	14.53	18.48	22.71
3697.1	5500.1	15.39	19.44	23.41
3777.1	5580.1	15.26	19.01	22.69
3857.1	5660.1	14.37	17.99	21.51
3957.1	5760.1	14.56	18.01	20.93

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+7dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
817.1	2620.1	1.29	0.57	0.26
897.1	2700.1	1.13	0.48	0.19
977.1	2780.1	1.21	0.51	0.23
1057.1	2860.1	1.28	0.60	0.30
1137.1	2940.1	1.39	0.66	0.31
1217.1	3020.1	1.37	0.69	0.31
1297.1	3100.1	1.17	0.55	0.27
1377.1	3180.1	1.07	0.45	0.20
1457.1	3260.1	1.21	0.51	0.24
1537.1	3340.1	1.14	0.52	0.27
1617.1	3420.1	1.37	0.61	0.30
1697.1	3500.1	0.73	0.33	0.17
1777.1	3580.1	0.52	0.22	0.12
1857.1	3660.1	0.50	0.21	0.11
1937.1	3740.1	0.58	0.25	0.13
2017.1	3820.1	0.49	0.22	0.10
2097.1	3900.1	0.54	0.25	0.10
2177.1	3980.1	0.70	0.36	0.18
2257.1	4060.1	0.79	0.37	0.19
2337.1	4140.1	0.83	0.36	0.17
2417.1	4220.1	0.87	0.40	0.19
2497.1	4300.1	0.77	0.35	0.17
2577.1	4380.1	0.78	0.36	0.17
2657.1	4460.1	0.84	0.38	0.18
2737.1	4540.1	0.90	0.42	0.20
2817.1	4620.1	0.99	0.44	0.22
2897.1	4700.1	1.06	0.46	0.22
2977.1	4780.1	1.15	0.51	0.23
3057.1	4860.1	1.24	0.58	0.25
3137.1	4940.1	1.38	0.65	0.29
3217.1	5020.1	1.44	0.62	0.28
3297.1	5100.1	1.27	0.58	0.23
3377.1	5180.1	1.37	0.64	0.28
3457.1	5260.1	1.49	0.71	0.30
3537.1	5340.1	1.67	0.75	0.32
3617.1	5420.1	1.61	0.70	0.29
3697.1	5500.1	1.40	0.58	0.22
3777.1	5580.1	1.41	0.60	0.24
3857.1	5660.1	1.62	0.72	0.30
3957.1	5760.1	1.54	0.71	0.32

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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)=2417.1001MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2297.1001MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2537.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
1361.2	1055.9	7.72	130.0	2427.1	10.82	1510.0	1027.1	8.22
1323.4	1093.8	7.57	150.0	2447.1	10.35	1490.0	1047.1	7.79
1285.5	1131.6	7.60	170.0	2467.1	9.87	1470.0	1067.1	7.57
1209.7	1207.4	8.79	250.0	2547.1	8.97	1430.0	1107.1	7.45
1133.9	1283.2	8.14	330.0	2627.1	8.56	1390.0	1147.1	7.29
1058.2	1358.9	7.57	410.0	2707.1	8.09	1350.0	1187.1	7.34
982.4	1434.7	7.49	490.0	2787.1	7.75	1310.0	1227.1	7.65
906.6	1510.5	7.31	570.0	2867.1	8.14	1270.0	1267.1	8.40
830.8	1586.3	7.30	650.0	2947.1	8.51	1230.0	1307.1	8.51
755.1	1662.0	7.24	730.0	3027.1	8.61	1190.0	1347.1	8.14
679.3	1737.8	7.24	810.0	3107.1	8.68	1150.0	1387.1	7.89
603.5	1813.6	7.36	890.0	3187.1	8.65	1110.0	1427.1	7.84
527.8	1889.3	7.52	970.0	3267.1	8.51	1070.0	1467.1	7.54
452.0	1965.1	7.80	1050.0	3347.1	8.39	1030.0	1507.1	7.60
376.2	2040.9	8.08	1130.0	3427.1	8.40	990.0	1547.1	7.46
300.5	2116.6	8.51	1210.0	3507.1	8.46	950.0	1587.1	7.44
224.7	2192.4	9.18	1290.0	3587.1	8.42	910.0	1627.1	7.44
148.9	2268.2	10.36	1370.0	3667.1	8.36	870.0	1667.1	7.26
136.3	2280.8	10.75	1450.0	3747.1	8.10	830.0	1707.1	7.22
123.7	2293.5	11.12	1530.0	3827.1	7.67	790.0	1747.1	7.21
174.2	2591.3	10.02	1610.0	3907.1	7.53	750.0	1787.1	7.31
338.5	2755.6	8.26	1690.0	3987.1	7.34	710.0	1827.1	7.31
502.7	2919.8	8.35	1770.0	4067.1	7.32	670.0	1867.1	7.37
666.9	3084.0	8.51	1850.0	4147.1	7.55	630.0	1907.1	7.41
831.2	3248.3	8.59	1930.0	4227.1	7.84	590.0	1947.1	7.47
995.4	3412.5	8.69	2010.0	4307.1	8.26	550.0	1987.1	7.63
1159.6	3576.7	8.36	2090.0	4387.1	8.80	510.0	2027.1	7.71
1296.5	3713.6	7.87	2170.0	4467.1	9.24	470.0	2067.1	7.88
1460.7	3877.8	7.20	2250.0	4547.1	9.38	430.0	2107.1	8.01
1597.6	4014.7	7.29	2330.0	4627.1	9.58	390.0	2147.1	8.16
1761.8	4178.9	7.80	2410.0	4707.1	9.63	350.0	2187.1	8.43
1898.6	4315.7	8.48	2510.0	4807.1	9.75	310.0	2227.1	8.63
2062.9	4480.0	9.03	2590.0	4887.1	10.11	270.0	2267.1	8.95
2199.7	4616.8	9.18	2690.0	4987.1	10.56	230.0	2307.1	9.33
2364.0	4781.1	9.51	2770.0	5067.1	10.86	190.0	2347.1	9.92
2500.8	4917.9	9.72	2870.0	5167.1	11.34	150.0	2387.1	10.73
2665.1	5082.2	10.66	2950.0	5247.1	11.73	110.0	2427.1	12.08

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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)		
	+7	+10	+13	+7	+10	+13
2620.1	37.98	37.52	37.03	38.98	41.25	44.26
2700.1	38.28	37.77	37.20	40.45	41.38	41.57
2780.1	35.13	33.94	33.38	38.30	38.48	38.84
2860.1	40.53	38.11	36.77	35.61	35.62	35.90
2940.1	48.91	48.85	47.19	34.37	34.24	34.37
3020.1	40.94	41.01	41.04	33.28	33.29	33.17
3100.1	37.59	37.02	36.88	32.20	31.87	31.82
3180.1	36.35	35.64	35.33	30.79	30.32	30.20
3260.1	34.37	33.28	32.77	29.26	28.58	28.40
3340.1	32.47	31.07	30.04	29.33	28.50	27.99
3420.1	33.73	32.48	31.83	31.75	31.30	31.18
3500.1	34.65	33.72	33.37	31.57	31.06	30.81
3580.1	33.86	33.12	32.62	31.23	30.58	30.43
3660.1	33.62	33.22	32.86	31.52	30.89	30.56
3740.1	36.99	36.76	36.58	29.67	28.94	28.70
3820.1	36.23	36.28	36.31	28.92	28.47	28.00
3900.1	34.96	35.02	34.99	28.36	27.89	27.39
3980.1	33.81	33.78	33.82	27.87	27.33	26.92
4060.1	33.12	32.98	32.97	27.78	27.16	26.70
4140.1	32.31	32.10	32.06	27.60	26.91	26.53
4220.1	31.19	30.96	30.92	27.02	26.31	25.90
4300.1	30.52	30.38	30.36	27.95	27.36	26.97
4380.1	30.56	30.32	30.30	29.71	29.02	28.61
4460.1	31.01	30.65	30.77	29.99	29.37	29.15
4540.1	31.56	31.18	31.16	29.22	28.75	28.42
4620.1	32.55	31.98	31.92	27.88	27.41	27.38
4700.1	33.70	32.96	32.48	26.54	26.33	26.22
4780.1	36.96	35.69	35.00	25.00	24.76	24.87
4860.1	47.51	45.90	44.53	22.50	22.59	22.65
4940.1	45.03	45.72	46.12	20.55	20.39	20.41
5020.1	35.01	34.84	34.74	20.35	20.27	20.39
5100.1	32.04	32.44	32.48	24.04	24.56	24.84
5180.1	31.79	32.27	32.61	31.97	32.44	32.83
5260.1	32.83	33.40	33.73	30.75	31.12	31.15
5340.1	34.59	35.22	35.62	27.80	28.17	28.37
5420.1	36.58	37.16	37.54	26.73	27.05	27.29
5500.1	38.12	38.66	39.00	26.08	26.42	26.60
5580.1	35.48	35.61	35.61	27.29	27.70	27.93
5660.1	34.57	34.94	35.14	31.92	32.22	32.31
5760.1	36.53	36.93	37.27	32.90	32.90	32.76

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
817.1	2620.1	47.58	49.17	48.67
897.1	2700.1	40.93	41.76	42.83
977.1	2780.1	41.86	42.15	41.65
1057.1	2860.1	46.81	49.79	51.63
1137.1	2940.1	48.58	52.57	52.93
1217.1	3020.1	49.22	53.85	58.92
1297.1	3100.1	46.46	49.05	51.99
1377.1	3180.1	44.32	45.95	48.03
1457.1	3260.1	40.84	43.03	45.12
1537.1	3340.1	31.41	31.34	32.37
1617.1	3420.1	28.08	27.63	27.44
1697.1	3500.1	31.55	30.97	30.75
1777.1	3580.1	36.85	36.58	36.27
1857.1	3660.1	40.72	41.80	42.51
1937.1	3740.1	35.91	36.08	36.37
2017.1	3820.1	36.25	36.33	36.48
2097.1	3900.1	37.52	37.73	38.17
2177.1	3980.1	39.74	40.51	41.59
2257.1	4060.1	41.21	41.52	41.89
2337.1	4140.1	47.96	45.56	43.87
2417.1	4220.1	43.04	42.30	41.67
2497.1	4300.1	40.52	40.75	41.07
2577.1	4380.1	53.67	59.43	55.35
2657.1	4460.1	43.61	41.37	39.71
2737.1	4540.1	40.82	39.67	39.01
2817.1	4620.1	35.06	33.99	33.43
2897.1	4700.1	36.00	34.34	33.56
2977.1	4780.1	39.62	37.07	35.71
3057.1	4860.1	47.02	42.20	39.11
3137.1	4940.1	42.59	45.53	45.96
3217.1	5020.1	35.47	36.16	37.01
3297.1	5100.1	34.51	34.63	34.65
3377.1	5180.1	37.59	38.74	39.21
3457.1	5260.1	37.89	39.31	41.17
3537.1	5340.1	36.42	37.19	37.99
3617.1	5420.1	35.87	36.31	36.82
3697.1	5500.1	36.28	36.30	36.30
3777.1	5580.1	39.74	39.68	39.30
3857.1	5660.1	42.45	43.63	43.36
3957.1	5760.1	38.73	40.10	41.47

Frequency Mixer

HJK-ED13304A/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=4420MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
817.1	2620.1	3.22	3.45	3.72	2620.1	14.03	14.03	14.03	210.1	3.74	3.86	4.01
897.1	2700.1	3.23	3.45	3.70	2700.1	13.49	13.49	13.60	310.1	2.84	3.02	3.22
977.1	2780.1	3.15	3.35	3.57	2780.1	12.52	12.44	12.44	410.1	2.49	2.68	2.88
1057.1	2860.1	3.05	3.23	3.42	2860.1	12.71	12.71	12.52	510.1	2.35	2.52	2.70
1137.1	2940.1	2.91	3.05	3.20	2940.1	11.77	11.77	11.69	610.1	2.28	2.43	2.58
1217.1	3020.1	2.76	2.84	2.95	3020.1	10.62	10.62	10.62	710.1	2.24	2.36	2.47
1297.1	3100.1	2.69	2.75	2.81	3100.1	9.96	10.02	10.07	810.1	2.21	2.31	2.40
1377.1	3180.1	2.72	2.75	2.79	3180.1	8.95	9.04	9.04	910.1	2.13	2.21	2.29
1457.1	3260.1	2.81	2.82	2.84	3260.1	7.80	7.83	7.80	1010.1	2.02	2.06	2.11
1537.1	3340.1	2.97	2.99	3.01	3340.1	7.00	6.91	6.81	1110.1	1.85	1.86	1.89
1617.1	3420.1	2.71	2.70	2.70	3420.1	7.05	7.05	6.97	1210.1	1.67	1.67	1.69
1697.1	3500.1	3.18	3.20	3.21	3500.1	6.94	6.97	6.94	1310.1	1.51	1.52	1.55
1777.1	3580.1	2.95	3.00	3.06	3580.1	6.49	6.49	6.44	1410.1	1.38	1.40	1.44
1857.1	3660.1	2.56	2.60	2.67	3660.1	6.01	5.99	5.91	1510.1	1.27	1.31	1.37
1937.1	3740.1	2.41	2.41	2.44	3740.1	5.83	5.83	5.79	1610.1	1.21	1.28	1.36
2017.1	3820.1	2.28	2.31	2.37	3820.1	5.38	5.38	5.31	1710.1	1.30	1.41	1.52
2097.1	3900.1	1.90	1.90	1.94	3900.1	4.89	4.89	4.87	1810.1	1.46	1.59	1.72
2177.1	3980.1	1.64	1.56	1.51	3980.1	4.39	4.40	4.38	1910.1	1.62	1.76	1.90
2257.1	4060.1	1.81	1.72	1.64	4060.1	3.91	3.91	3.90	2010.1	1.76	1.91	2.06
2337.1	4140.1	2.18	2.08	2.00	4140.1	3.53	3.53	3.51	2110.1	1.87	2.02	2.17
2417.1	4220.1	2.34	2.28	2.22	4220.1	3.24	3.23	3.21	2230.1	2.06	2.21	2.37
2497.1	4300.1	2.11	2.10	2.10	4300.1	3.06	3.04	3.01	2330.1	2.19	2.34	2.50
2577.1	4380.1	1.85	1.82	1.82	4380.1	3.10	3.08	3.05	2450.1	2.26	2.40	2.53
2657.1	4460.1	1.78	1.75	1.74	4460.1	3.31	3.29	3.27	2550.1	2.32	2.42	2.52
2737.1	4540.1	1.68	1.64	1.62	4540.1	3.66	3.64	3.63	2670.1	2.56	2.64	2.74
2817.1	4620.1	1.66	1.64	1.64	4620.1	4.01	3.99	3.99	2770.1	2.93	3.03	3.17
2897.1	4700.1	1.63	1.65	1.67	4700.1	4.41	4.38	4.38	2890.1	3.33	3.42	3.52
2977.1	4780.1	1.64	1.69	1.74	4780.1	4.88	4.84	4.84	2990.1	3.67	3.70	3.76
3057.1	4860.1	1.71	1.78	1.87	4860.1	5.20	5.16	5.13	3110.1	3.96	3.94	3.95
3137.1	4940.1	1.85	1.96	2.08	4940.1	5.20	5.14	5.10	3210.1	4.19	4.15	4.15
3217.1	5020.1	2.00	2.14	2.27	5020.1	5.46	5.41	5.39	3330.1	4.37	4.33	4.31
3297.1	5100.1	2.15	2.27	2.42	5100.1	6.05	6.07	6.09	3430.1	4.26	4.21	4.14
3377.1	5180.1	2.35	2.49	2.65	5180.1	6.61	6.61	6.63	3550.1	3.92	3.86	3.77
3457.1	5260.1	2.68	2.84	3.04	5260.1	7.14	7.17	7.17	3650.1	3.68	3.62	3.56
3537.1	5340.1	2.89	3.06	3.26	5340.1	7.56	7.56	7.50	3770.1	3.40	3.37	3.29
3617.1	5420.1	3.11	3.27	3.48	5420.1	7.87	7.87	7.83	3870.1	3.07	3.01	2.92
3697.1	5500.1	3.37	3.52	3.73	5500.1	8.08	8.08	8.12	3990.1	2.70	2.63	2.55
3777.1	5580.1	3.56	3.70	3.88	5580.1	8.39	8.43	8.39	4090.1	2.46	2.42	2.36
3857.1	5660.1	3.70	3.81	3.95	5660.1	8.60	8.64	8.64	4210.1	1.99	1.99	1.98
3957.1	5760.1	4.18	4.29	4.42	5760.1	9.04	9.08	9.13	4310.1	1.57	1.61	1.67

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	+7	21	30	38	---	---	---	---	---
1	-	33	+0	43	27	36	49	56	---	---	---	---
2	79	48	64	55	63	58	65	>74	---	---	---	---
3	>90	>74	60	>74	72	>74	>74	>74	>74	---	---	---
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	---	---	---
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	---	---
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	---
7	>90	>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	---	---	>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: 2417.1 MHz; -8.00 dBm.
LO IN: 4220.1 MHz; +10.00 dBm
IF OUT: 1803 MHz; -16.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	3	32	49	50	---	---	---	---	---
1	-	34	+0	43	28	36	51	57	---	---	---	---
2	59	37	55	45	55	48	56	71	---	---	---	---
3	>90	56	41	60	52	61	58	68	79	---	---	---
4	>90	70	>84	61	68	66	79	83	79	---	---	---
5	>90	>84	81	81	67	82	>84	>84	>84	>84	---	---
6	>90	>84	>84	>84	>84	81	>84	>84	>84	>84	>84	---
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	---
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	---	---	>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: 2417.1 MHz; 2.00 dBm.
LO IN: 4220.1 MHz; +10.00 dBm
IF OUT: 1803 MHz; -6.24 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.