

Frequency Mixer

HJK-ED11935/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=88.5MHz (dB)		
		@LO (dBm)		
		+13	+16	+19
1140.0	1051.5	11.55	11.14	10.94
1200.0	1111.5	10.86	10.23	9.87
1260.0	1171.5	9.51	8.74	8.25
1320.0	1231.5	8.76	7.99	7.53
1380.0	1291.5	8.38	7.73	7.36
1440.0	1351.5	8.04	7.48	7.19
1500.0	1411.5	7.76	7.31	7.08
1560.0	1471.5	7.61	7.28	7.12
1620.0	1531.5	7.40	7.12	6.99
1680.0	1591.5	7.39	7.21	7.12
1740.0	1651.5	7.46	7.38	7.37
1800.0	1711.5	7.28	7.26	7.29
1860.0	1771.5	7.24	7.25	7.30
1920.0	1831.5	7.18	7.19	7.24
1980.0	1891.5	7.20	7.21	7.26
2040.0	1951.5	7.45	7.46	7.52
2100.0	2011.5	7.65	7.67	7.74
2160.0	2071.5	7.85	7.86	7.92
2220.0	2131.5	8.10	8.05	8.06
2280.0	2191.5	8.04	7.95	7.94
2340.0	2251.5	8.10	7.95	7.90
2400.0	2311.5	8.16	8.00	7.95
2460.0	2371.5	8.08	7.89	7.86
2520.0	2431.5	8.24	7.95	7.85
2580.0	2491.5	8.31	8.02	7.92
2640.0	2551.5	8.40	8.05	7.93
2700.0	2611.5	8.63	8.22	8.08
2760.0	2671.5	8.68	8.30	8.17
2820.0	2731.5	8.86	8.39	8.20
2880.0	2791.5	9.05	8.58	8.36
2940.0	2851.5	9.21	8.67	8.47
3000.0	2911.5	9.45	8.85	8.60
3060.0	2971.5	9.65	9.09	8.85
3120.0	3031.5	9.86	9.30	9.02
3180.0	3091.5	10.22	9.64	9.32
3240.0	3151.5	10.56	9.99	9.69
3300.0	3211.5	10.82	10.19	9.84
3360.0	3271.5	11.11	10.43	10.05
3420.0	3331.5	11.27	10.49	10.13
3480.0	3391.5	11.41	10.51	10.07

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+13	+16	+19
1140.0	1051.5	14.75	16.64	18.65
1200.0	1111.5	15.63	17.02	19.43
1260.0	1171.5	19.07	17.58	20.43
1320.0	1231.5	21.00	20.24	23.40
1380.0	1291.5	19.65	21.65	25.07
1440.0	1351.5	19.39	22.37	25.91
1500.0	1411.5	20.69	24.00	27.27
1560.0	1471.5	21.90	25.32	28.00
1620.0	1531.5	23.47	26.68	28.97
1680.0	1591.5	24.30	27.60	30.20
1740.0	1651.5	23.91	26.86	29.12
1800.0	1711.5	24.35	27.59	30.25
1860.0	1771.5	25.64	29.06	32.54
1920.0	1831.5	26.71	30.14	33.52
1980.0	1891.5	27.39	30.92	35.03
2040.0	1951.5	27.91	31.35	34.75
2100.0	2011.5	27.91	31.04	34.82
2160.0	2071.5	26.09	29.98	33.34
2220.0	2131.5	24.32	28.83	31.56
2280.0	2191.5	23.10	28.00	31.11
2340.0	2251.5	21.29	25.35	31.43
2400.0	2311.5	20.74	24.39	30.94
2460.0	2371.5	20.65	24.07	29.24
2520.0	2431.5	19.87	22.62	26.46
2580.0	2491.5	19.88	22.56	26.14
2640.0	2551.5	19.69	22.05	25.55
2700.0	2611.5	19.12	21.82	25.26
2760.0	2671.5	19.17	21.88	25.86
2820.0	2731.5	18.69	21.17	24.96
2880.0	2791.5	18.78	21.36	25.46
2940.0	2851.5	18.98	21.72	25.68
3000.0	2911.5	18.89	21.02	24.46
3060.0	2971.5	18.87	21.32	25.03
3120.0	3031.5	18.71	20.67	24.43
3180.0	3091.5	18.22	20.06	23.74
3240.0	3151.5	18.17	21.11	25.02
3300.0	3211.5	18.21	21.31	25.13
3360.0	3271.5	18.42	21.73	25.44
3420.0	3331.5	18.64	22.06	25.48
3480.0	3391.5	18.23	21.20	24.57

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+13dBm (dB)		
		@LO (dBm)		
		+13	+16	+19
1140.0	1051.5	2.65	1.98	1.36
1200.0	1111.5	1.68	1.66	1.30
1260.0	1171.5	1.27	1.13	0.88
1320.0	1231.5	1.19	0.97	0.66
1380.0	1291.5	1.10	0.82	0.54
1440.0	1351.5	1.08	0.76	0.45
1500.0	1411.5	0.89	0.57	0.30
1560.0	1471.5	0.77	0.46	0.23
1620.0	1531.5	0.66	0.36	0.18
1680.0	1591.5	0.59	0.31	0.17
1740.0	1651.5	0.54	0.26	0.14
1800.0	1711.5	0.46	0.20	0.10
1860.0	1771.5	0.35	0.16	0.08
1920.0	1831.5	0.27	0.13	0.07
1980.0	1891.5	0.25	0.12	0.06
2040.0	1951.5	0.25	0.12	0.06
2100.0	2011.5	0.28	0.13	0.06
2160.0	2071.5	0.36	0.17	0.08
2220.0	2131.5	0.44	0.21	0.11
2280.0	2191.5	0.49	0.23	0.11
2340.0	2251.5	0.66	0.30	0.13
2400.0	2311.5	0.71	0.34	0.13
2460.0	2371.5	0.86	0.44	0.18
2520.0	2431.5	1.00	0.60	0.27
2580.0	2491.5	0.92	0.52	0.24
2640.0	2551.5	1.01	0.61	0.26
2700.0	2611.5	1.00	0.63	0.27
2760.0	2671.5	0.89	0.57	0.25
2820.0	2731.5	0.91	0.65	0.31
2880.0	2791.5	0.82	0.62	0.32
2940.0	2851.5	0.80	0.59	0.32
3000.0	2911.5	0.84	0.69	0.43
3060.0	2971.5	0.87	0.71	0.43
3120.0	3031.5	0.98	0.81	0.53
3180.0	3091.5	1.14	0.94	0.63
3240.0	3151.5	1.18	0.89	0.52
3300.0	3211.5	1.24	0.89	0.50
3360.0	3271.5	1.15	0.81	0.44
3420.0	3331.5	1.04	0.74	0.41
3480.0	3391.5	1.02	0.78	0.48

REV. X2

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1880MHz (dB)
		@LO (dBm)
		+16
829.9	1050.1	11.47
788.9	1091.1	11.15
747.9	1132.1	10.49
706.9	1173.1	9.85
665.9	1214.1	9.16
624.9	1255.1	8.66
583.9	1296.1	8.29
542.9	1337.1	8.08
501.9	1378.1	7.80
460.9	1419.1	7.60
420.0	1460.1	7.45
379.0	1501.0	7.40
338.0	1542.0	7.35
297.0	1583.0	7.30
256.0	1624.0	7.36
215.0	1665.0	7.39
174.0	1706.0	7.38
133.0	1747.0	7.24
92.0	1788.0	7.07
51.0	1829.0	6.96
10.0	1870.0	6.71
63.3	1943.3	6.98
143.3	2023.3	7.02
223.3	2103.3	7.21
303.4	2183.4	7.35
383.4	2263.4	7.47
463.4	2343.4	7.72
543.4	2423.4	7.96
623.4	2503.4	8.14
703.4	2583.4	8.33
783.4	2663.4	8.58
863.4	2743.4	8.74
970.1	2850.1	9.02
1050.1	2930.1	9.52
1156.7	3036.7	9.19
1236.7	3116.7	9.48
1343.4	3223.4	9.91
1423.4	3303.4	10.12
1530.1	3410.1	10.24
1610.1	3490.1	10.49

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1850MHz (dB)
		@LO (dBm)
		+16
10.1	1860.1	6.77
50.1	1900.1	7.05
90.1	1940.1	6.98
130.1	1980.1	7.02
170.1	2020.1	7.08
210.1	2060.1	7.17
250.1	2100.1	7.25
290.1	2140.1	7.35
330.1	2180.1	7.41
370.1	2220.1	7.48
410.1	2260.1	7.53
450.1	2300.1	7.60
490.1	2340.1	7.78
530.1	2380.1	7.82
570.1	2420.1	8.01
610.1	2460.1	8.06
650.1	2500.1	8.22
690.1	2540.1	8.37
730.1	2580.1	8.40
770.1	2620.1	8.58
810.1	2660.1	8.66
850.1	2700.1	8.76
890.1	2740.1	8.83
930.1	2780.1	8.94
970.1	2820.1	9.07
1010.1	2860.1	9.26
1050.1	2900.1	9.51
1090.1	2940.1	9.25
1130.1	2980.1	9.17
1170.1	3020.1	9.30
1210.1	3060.1	9.38
1250.1	3100.1	9.53
1290.1	3140.1	9.68
1330.1	3180.1	9.87
1370.1	3220.1	10.02
1430.1	3280.1	10.17
1470.1	3320.1	10.24
1530.1	3380.1	10.33
1570.1	3420.1	10.31
1630.1	3480.1	10.53

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1910.1MHz (dB)
		@LO (dBm)
		+16
890.0	1020.1	11.26
870.0	1040.1	11.28
850.0	1060.1	11.43
830.0	1080.1	11.33
810.0	1100.1	11.03
790.0	1120.1	10.72
770.0	1140.1	10.35
750.0	1160.1	10.06
730.0	1180.1	9.72
710.0	1200.1	9.42
690.0	1220.1	9.15
670.0	1240.1	8.97
650.0	1260.1	8.78
630.0	1280.1	8.53
610.0	1300.1	8.33
590.0	1320.1	8.24
570.0	1340.1	8.15
550.0	1360.1	8.02
530.0	1380.1	7.91
510.0	1400.1	7.77
490.0	1420.1	7.74
470.0	1440.1	7.65
450.0	1460.1	7.62
430.0	1480.1	7.49
410.0	1500.1	7.49
390.0	1520.1	7.48
370.0	1540.1	7.43
350.0	1560.1	7.39
330.0	1580.1	7.34
310.0	1600.1	7.37
270.0	1640.1	7.45
250.0	1660.1	7.44
210.0	1700.1	7.46
190.0	1720.1	7.43
150.0	1760.1	7.31
130.0	1780.1	7.22
90.0	1820.1	7.07
70.0	1840.1	7.03
30.0	1880.1	7.04
10.0	1900.1	6.71

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+13	+16	+19	+13	+16	+19
1051.5	31.97	31.30	30.87	33.81	33.74	33.56
1111.5	34.62	34.51	34.32	38.27	39.05	39.17
1171.5	38.49	37.93	37.27	40.13	40.31	39.99
1231.5	39.45	38.63	37.82	37.82	37.75	37.50
1291.5	39.55	39.56	39.45	36.14	36.09	35.92
1351.5	38.30	38.16	37.98	35.59	35.47	35.25
1411.5	37.78	37.58	37.34	34.67	34.43	34.12
1471.5	37.06	36.82	36.64	33.52	33.19	32.91
1531.5	37.17	36.85	36.59	31.69	31.27	30.94
1591.5	40.40	39.80	39.46	29.22	28.82	28.59
1651.5	46.34	43.58	42.59	27.08	26.76	26.58
1711.5	48.20	48.13	48.00	25.14	24.85	24.68
1771.5	40.36	41.62	42.77	23.60	23.40	23.22
1831.5	35.70	36.20	36.61	22.43	22.25	22.12
1891.5	34.29	34.56	34.74	21.79	21.71	21.62
1951.5	33.57	33.68	33.75	21.76	21.72	21.67
2011.5	33.45	33.40	33.46	22.05	22.01	22.08
2071.5	34.49	34.18	33.87	23.00	22.89	22.99
2131.5	36.67	36.39	35.99	24.34	24.24	24.12
2191.5	40.59	40.61	40.28	26.25	26.28	26.22
2251.5	46.63	47.86	48.19	28.26	28.61	28.71
2311.5	55.22	58.73	62.34	30.40	31.08	31.47
2371.5	49.70	49.85	50.33	32.44	33.42	34.35
2431.5	45.09	45.36	45.69	33.96	35.34	36.66
2491.5	42.82	43.43	44.12	35.60	37.04	38.55
2551.5	41.07	42.00	42.79	36.01	37.04	37.74
2611.5	39.92	40.74	41.49	35.45	35.59	35.63
2671.5	39.33	40.44	41.29	33.56	33.51	33.26
2731.5	38.53	39.69	40.55	31.79	31.68	31.35
2791.5	38.31	39.52	40.46	29.87	29.83	29.65
2851.5	38.54	39.61	40.62	28.15	27.90	28.04
2911.5	37.90	38.70	39.32	26.40	26.29	26.40
2971.5	37.67	37.72	37.61	24.77	24.74	24.87
3031.5	37.47	36.94	35.97	22.91	23.08	23.11
3091.5	37.19	35.53	33.72	21.36	21.67	21.78
3151.5	34.49	32.04	30.06	20.21	20.58	20.72
3211.5	30.47	28.42	26.83	19.70	20.14	20.37
3271.5	26.79	25.27	24.01	19.92	20.52	20.87
3331.5	24.96	23.57	22.86	20.62	21.15	21.74
3391.5	23.97	22.99	22.46	21.35	22.10	22.79

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+13	+16	+19
1140.0	1051.5	19.59	19.24	18.75
1200.0	1111.5	22.21	20.90	20.05
1260.0	1171.5	21.36	21.34	21.36
1320.0	1231.5	21.89	22.68	23.44
1380.0	1291.5	24.88	26.09	27.01
1440.0	1351.5	28.33	30.61	32.52
1500.0	1411.5	32.56	35.57	38.67
1560.0	1471.5	41.37	45.31	42.79
1620.0	1531.5	46.31	39.48	36.23
1680.0	1591.5	34.58	32.53	31.08
1740.0	1651.5	30.25	28.80	27.68
1800.0	1711.5	27.49	26.41	25.66
1860.0	1771.5	25.57	24.71	24.13
1920.0	1831.5	23.99	23.23	22.74
1980.0	1891.5	22.65	21.82	21.27
2040.0	1951.5	21.94	21.02	20.38
2100.0	2011.5	21.88	20.89	20.25
2160.0	2071.5	23.02	21.83	21.04
2220.0	2131.5	25.08	23.78	23.00
2280.0	2191.5	27.21	25.89	25.14
2340.0	2251.5	30.37	28.89	28.14
2400.0	2311.5	33.60	31.83	31.07
2460.0	2371.5	36.26	34.32	33.57
2520.0	2431.5	37.07	36.46	35.93
2580.0	2491.5	35.57	36.41	36.60
2640.0	2551.5	33.28	34.83	35.77
2700.0	2611.5	31.44	32.96	34.10
2760.0	2671.5	30.33	31.71	32.85
2820.0	2731.5	29.20	30.36	31.34
2880.0	2791.5	28.46	29.48	30.27
2940.0	2851.5	27.64	28.64	29.25
3000.0	2911.5	27.10	27.93	28.40
3060.0	2971.5	27.12	27.94	28.43
3120.0	3031.5	27.85	28.81	29.57
3180.0	3091.5	30.33	31.83	32.95
3240.0	3151.5	36.96	40.45	43.65
3300.0	3211.5	45.22	43.89	44.07
3360.0	3271.5	37.47	36.84	37.62
3420.0	3331.5	34.30	34.45	35.51
3480.0	3391.5	34.42	34.31	35.57

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=1821.5MHz (:1)			
		@LO (dBm)				@LO (dBm)					@LO (dBm)			
		+13	+16	+19		+13	+16	+19	+13		+16	+19		
1140.0	1051.5	1.66	1.62	1.69	1051.5	28.49	27.59	26.33	10.1	1.38	1.54	1.68		
1200.0	1111.5	1.77	1.71	1.71	1111.5	30.49	30.49	29.46	50.1	1.35	1.50	1.64		
1260.0	1171.5	2.14	1.96	1.90	1171.5	31.03	31.60	30.49	90.1	1.34	1.49	1.62		
1320.0	1231.5	2.28	2.08	1.99	1231.5	27.16	26.33	24.83	130.1	1.38	1.52	1.65		
1380.0	1291.5	2.31	2.13	2.06	1291.5	24.83	24.48	23.49	170.1	1.36	1.50	1.62		
1440.0	1351.5	2.33	2.15	2.08	1351.5	23.49	22.87	21.73	210.1	1.41	1.54	1.66		
1500.0	1411.5	2.21	2.07	2.01	1411.5	19.76	19.11	18.11	250.1	1.40	1.52	1.64		
1560.0	1471.5	2.13	1.99	1.93	1471.5	15.26	15.00	14.62	290.1	1.44	1.56	1.67		
1620.0	1531.5	2.05	1.92	1.86	1531.5	11.93	11.53	11.09	330.1	1.46	1.57	1.68		
1680.0	1591.5	1.91	1.82	1.78	1591.5	8.86	8.55	8.23	370.1	1.47	1.57	1.66		
1740.0	1651.5	1.82	1.76	1.74	1651.5	6.42	6.21	6.05	410.1	1.49	1.58	1.67		
1800.0	1711.5	1.68	1.65	1.65	1711.5	4.42	4.27	4.14	450.1	1.50	1.57	1.65		
1860.0	1771.5	1.56	1.54	1.56	1771.5	2.91	2.82	2.76	490.1	1.52	1.58	1.65		
1920.0	1831.5	1.51	1.49	1.51	1831.5	2.01	1.97	1.95	530.1	1.54	1.59	1.64		
1980.0	1891.5	1.42	1.40	1.42	1891.5	1.78	1.80	1.82	570.1	1.55	1.57	1.62		
2040.0	1951.5	1.37	1.34	1.34	1951.5	2.20	2.26	2.30	610.1	1.58	1.59	1.63		
2100.0	2011.5	1.37	1.32	1.31	2011.5	3.01	3.10	3.17	650.1	1.60	1.59	1.62		
2160.0	2071.5	1.40	1.34	1.31	2071.5	3.99	4.09	4.17	710.1	1.59	1.57	1.58		
2220.0	2131.5	1.50	1.42	1.39	2131.5	5.16	5.27	5.28	750.1	1.62	1.59	1.58		
2280.0	2191.5	1.52	1.47	1.45	2191.5	6.42	6.56	6.63	810.1	1.66	1.62	1.62		
2340.0	2251.5	1.57	1.50	1.48	2251.5	7.63	7.70	7.60	850.1	1.67	1.62	1.60		
2400.0	2311.5	1.58	1.51	1.50	2311.5	8.86	8.90	8.77	910.1	1.70	1.64	1.62		
2460.0	2371.5	1.56	1.49	1.48	2371.5	9.58	9.63	9.53	950.1	1.71	1.65	1.61		
2520.0	2431.5	1.58	1.47	1.45	2431.5	10.43	10.31	9.85	1010.1	1.69	1.62	1.59		
2580.0	2491.5	1.59	1.50	1.49	2491.5	10.96	10.89	10.75	1050.1	1.75	1.69	1.65		
2640.0	2551.5	1.58	1.48	1.48	2551.5	11.17	11.03	10.62	1110.1	1.73	1.68	1.66		
2700.0	2611.5	1.58	1.48	1.47	2611.5	10.96	10.62	10.07	1150.1	1.70	1.66	1.64		
2760.0	2671.5	1.60	1.53	1.55	2671.5	10.69	10.56	10.31	1210.1	1.74	1.70	1.69		
2820.0	2731.5	1.62	1.55	1.56	2731.5	10.25	10.02	9.48	1250.1	1.71	1.69	1.68		
2880.0	2791.5	1.68	1.61	1.61	2791.5	9.48	9.28	8.95	1310.1	1.70	1.68	1.67		
2940.0	2851.5	1.77	1.71	1.72	2851.5	8.64	8.55	8.35	1350.1	1.69	1.68	1.68		
3000.0	2911.5	1.82	1.74	1.73	2911.5	7.66	7.44	7.11	1410.1	1.70	1.71	1.72		
3060.0	2971.5	1.92	1.84	1.83	2971.5	6.89	6.81	6.66	1450.1	1.68	1.71	1.73		
3120.0	3031.5	1.99	1.90	1.89	3031.5	5.87	5.77	5.65	1510.1	1.76	1.80	1.84		
3180.0	3091.5	2.09	1.99	1.96	3091.5	5.02	4.92	4.77	1550.1	1.72	1.78	1.83		
3240.0	3151.5	2.22	2.14	2.11	3151.5	4.21	4.18	4.12	1610.1	1.77	1.85	1.92		
3300.0	3211.5	2.33	2.23	2.20	3211.5	3.59	3.54	3.47	1650.1	1.74	1.84	1.92		
3360.0	3271.5	2.57	2.46	2.43	3271.5	3.13	3.12	3.09	1710.1	1.74	1.87	1.97		
3420.0	3331.5	2.71	2.60	2.58	3331.5	2.76	2.76	2.76	1750.1	1.68	1.81	1.92		
3480.0	3391.5	2.99	2.83	2.77	3391.5	2.50	2.50	2.47	1810.1	1.62	1.74	1.86		

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	4	21	23	28	34	23	44	41	68
1	-	17	+0	35	19	37	32	41	34	50	61	48
2	63	54	52	56	59	68	76	69	64	57	63	71
3	>90	78	75	75	63	70	70	73	70	76	76	>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

LO HARMONICS ORDER

Test conditions: RF IN: 1880 MHz; -2.00 dBm.
LO IN: 1791.5 MHz; +16.00 dBm
IF OUT: 88.5 MHz; -9.24 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	14	32	32	37	40	34	59	54	69
1	-	17	+0	36	20	37	33	42	35	50	71	50
2	43	43	43	45	49	58	60	60	61	49	59	61
3	72	55	52	59	42	53	49	58	52	61	55	69
4	>90	86	69	73	72	73	72	82	83	90	72	68
5	>90	86	78	80	>91	68	72	67	73	70	70	75
6	>90	>91	>91	>91	>91	85	>91	82	82	88	>91	89
7	>90	>91	>91	>91	90	>91	91	84	>91	85	89	86
8	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	89	>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: 1880 MHz; 8.00 dBm.
LO IN: 1791.5 MHz; +16.00 dBm
IF OUT: 88.5 MHz; 0.65 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.