

Frequency Mixer

HJK-ED9778/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=199MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
1600.1	1401.1	11.25	10.99	12.51
1630.1	1431.1	11.15	9.20	8.19
1660.1	1461.1	10.37	8.62	7.77
1690.1	1491.1	9.84	8.16	7.44
1720.1	1521.1	9.36	7.89	7.31
1750.1	1551.1	8.53	7.51	7.10
1780.1	1581.1	8.07	7.27	6.99
1810.1	1611.1	7.81	7.23	7.03
1840.1	1641.1	7.44	7.10	6.98
1870.1	1671.1	7.25	7.06	7.03
1900.1	1701.1	7.26	7.15	7.17
1930.1	1731.1	7.21	7.14	7.17
1960.1	1761.1	7.19	7.19	7.27
1990.1	1791.1	7.25	7.27	7.37
2020.1	1821.1	7.18	7.15	7.26
2050.1	1851.1	7.15	7.11	7.23
2080.1	1881.1	7.29	7.15	7.23
2110.1	1911.1	7.49	7.16	7.11
2140.1	1941.1	7.52	7.12	7.05
2170.1	1971.1	7.70	7.21	7.06
2200.1	2001.1	8.17	7.41	7.13
2230.1	2031.1	8.30	7.50	7.20
2260.1	2061.1	8.52	7.62	7.33
2290.1	2091.1	9.07	7.93	7.43
2320.1	2121.1	9.35	8.12	7.51
2350.1	2151.1	9.45	8.23	7.65
2380.1	2181.1	10.12	8.69	7.85
2410.1	2211.1	10.38	8.84	7.88
2440.1	2241.1	10.24	8.75	7.86
2470.1	2271.1	10.87	9.18	8.08
2500.1	2301.1	11.21	9.46	8.24
2530.1	2331.1	11.04	9.36	8.15
2560.1	2361.1	11.44	9.61	8.29
2590.1	2391.1	11.88	9.93	8.52
2630.1	2431.1	11.58	9.73	8.47
2660.1	2461.1	12.08	10.13	8.72
2700.1	2501.1	12.15	10.28	8.91
2730.1	2531.1	12.01	10.14	8.88
2770.1	2571.1	12.31	10.51	9.24
2800.1	2601.1	12.32	10.67	9.55

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
1600.1	1401.1	18.75	13.56	15.90
1630.1	1431.1	18.63	21.53	23.45
1660.1	1461.1	23.04	21.40	22.42
1690.1	1491.1	20.94	19.84	22.83
1720.1	1521.1	19.36	19.88	24.12
1750.1	1551.1	18.97	21.23	26.43
1780.1	1581.1	18.83	21.73	26.95
1810.1	1611.1	19.03	22.26	28.17
1840.1	1641.1	20.11	24.01	30.14
1870.1	1671.1	20.75	24.78	32.20
1900.1	1701.1	21.09	25.47	33.99
1930.1	1731.1	21.63	25.99	33.43
1960.1	1761.1	21.58	25.13	30.87
1990.1	1791.1	22.16	25.31	30.46
2020.1	1821.1	21.88	24.76	29.25
2050.1	1851.1	20.91	23.78	27.31
2080.1	1881.1	20.54	23.36	26.31
2110.1	1911.1	19.69	22.89	25.66
2140.1	1941.1	19.00	22.24	25.34
2170.1	1971.1	18.67	21.55	24.42
2200.1	2001.1	18.10	20.52	23.38
2230.1	2031.1	18.11	19.85	22.58
2260.1	2061.1	18.10	19.59	22.26
2290.1	2091.1	17.85	19.13	21.64
2320.1	2121.1	17.23	19.12	21.36
2350.1	2151.1	16.75	18.92	21.15
2380.1	2181.1	15.31	18.09	19.99
2410.1	2211.1	14.74	17.75	19.40
2440.1	2241.1	15.07	17.77	19.46
2470.1	2271.1	14.10	17.14	18.73
2500.1	2301.1	13.55	16.66	18.39
2530.1	2331.1	13.66	16.74	18.76
2560.1	2361.1	13.09	16.23	18.35
2590.1	2391.1	12.49	15.47	17.98
2630.1	2431.1	13.03	16.28	18.36
2660.1	2461.1	12.68	15.60	17.98
2700.1	2501.1	12.90	15.57	17.97
2730.1	2531.1	13.36	16.40	18.40
2770.1	2571.1	13.24	16.04	18.25
2800.1	2601.1	13.31	15.94	18.44

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+15dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
1600.1	1401.1	0.83	-0.65	-3.43
1630.1	1431.1	0.63	0.91	0.92
1660.1	1461.1	0.66	0.93	0.85
1690.1	1491.1	0.76	1.02	0.83
1720.1	1521.1	0.84	0.97	0.73
1750.1	1551.1	0.97	0.89	0.56
1780.1	1581.1	1.03	0.81	0.45
1810.1	1611.1	0.92	0.68	0.35
1840.1	1641.1	0.85	0.52	0.24
1870.1	1671.1	0.84	0.42	0.16
1900.1	1701.1	0.70	0.28	0.11
1930.1	1731.1	0.65	0.24	0.11
1960.1	1761.1	0.63	0.23	0.08
1990.1	1791.1	0.64	0.22	0.06
2020.1	1821.1	0.91	0.38	0.08
2050.1	1851.1	1.08	0.54	0.12
2080.1	1881.1	1.12	0.61	0.18
2110.1	1911.1	1.36	0.86	0.39
2140.1	1941.1	1.56	0.97	0.51
2170.1	1971.1	1.63	1.06	0.59
2200.1	2001.1	1.78	1.21	0.71
2230.1	2031.1	1.94	1.36	0.75
2260.1	2061.1	2.01	1.39	0.78
2290.1	2091.1	1.99	1.54	0.97
2320.1	2121.1	2.10	1.68	1.09
2350.1	2151.1	2.01	1.58	1.01
2380.1	2181.1	2.02	1.66	1.14
2410.1	2211.1	2.16	1.79	1.27
2440.1	2241.1	2.14	1.73	1.22
2470.1	2271.1	2.17	1.77	1.29
2500.1	2301.1	2.53	1.91	1.52
2530.1	2331.1	2.58	2.02	1.41
2560.1	2361.1	2.59	2.07	1.47
2590.1	2391.1	3.11	2.44	1.76
2630.1	2431.1	3.35	2.59	1.74
2660.1	2461.1	3.77	3.02	2.06
2700.1	2501.1	4.86	3.97	2.82
2730.1	2531.1	5.02	3.99	2.77
2770.1	2571.1	6.23	5.18	3.81
2800.1	2601.1	6.85	5.71	4.24

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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)=1920MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1789.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2050.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
500.0	1420.0	10.62	10.1	1800.0	7.31	630.1	1420.0	10.81
478.7	1441.3	9.23	22.9	1812.8	7.13	614.2	1435.9	9.61
457.4	1462.6	8.89	35.7	1825.6	7.05	598.3	1451.8	9.30
436.1	1483.9	8.50	48.6	1838.5	6.98	582.4	1467.7	9.07
414.8	1505.2	8.36	61.4	1851.3	6.98	566.5	1483.6	8.91
393.5	1526.5	8.02	74.2	1864.1	6.96	550.6	1499.5	8.69
372.2	1547.8	7.77	87.0	1876.9	6.94	534.7	1515.4	8.53
350.9	1569.1	7.58	99.8	1889.7	6.95	518.8	1531.3	8.27
329.6	1590.4	7.47	112.7	1902.6	6.99	502.9	1547.2	8.04
308.3	1611.7	7.36	125.5	1915.4	7.01	487.0	1563.1	7.89
287.0	1633.0	7.26	138.3	1928.2	7.07	471.1	1579.0	7.79
265.7	1654.3	7.21	151.1	1941.0	7.13	455.2	1594.9	7.72
244.3	1675.7	7.17	163.9	1953.8	7.15	439.3	1610.8	7.58
223.0	1697.0	7.17	176.8	1966.7	7.21	423.4	1626.7	7.47
201.7	1718.3	7.11	189.6	1979.5	7.32	407.5	1642.6	7.44
180.4	1739.6	7.14	202.4	1992.3	7.42	391.6	1658.5	7.42
159.1	1760.9	7.07	215.2	2005.1	7.52	375.7	1674.4	7.39
137.8	1782.2	7.10	228.0	2017.9	7.60	359.8	1690.3	7.39
116.5	1803.5	7.05	240.9	2030.8	7.69	343.9	1706.2	7.40
95.2	1824.8	7.07	253.7	2043.6	7.72	328.0	1722.1	7.40
73.9	1846.1	6.99	266.5	2056.4	7.79	312.2	1737.9	7.40
52.6	1867.4	7.02	279.3	2069.2	7.94	296.3	1753.8	7.37
31.3	1888.7	7.10	292.2	2082.1	8.13	280.4	1769.7	7.34
10.0	1910.0	7.53	305.0	2094.9	8.31	264.5	1785.6	7.33
29.6	1949.6	7.30	317.8	2107.7	8.52	248.6	1801.5	7.30
49.1	1969.1	7.24	330.6	2120.5	8.68	232.7	1817.4	7.24
88.3	2008.3	7.42	343.4	2133.3	8.71	216.8	1833.3	7.17
107.8	2027.8	7.51	356.3	2146.2	8.73	200.9	1849.2	7.13
147.0	2067.0	7.65	369.1	2159.0	8.87	185.0	1865.1	7.07
166.5	2086.5	7.87	381.9	2171.8	9.07	169.1	1881.0	7.01
205.7	2125.7	8.23	394.7	2184.6	9.31	153.2	1896.9	7.01
225.2	2145.2	8.30	407.5	2197.4	9.52	137.3	1912.8	7.04
264.3	2184.3	8.86	420.4	2210.3	9.65	121.4	1928.7	7.03
283.9	2203.9	9.07	433.2	2223.1	9.63	105.5	1944.6	7.04
323.0	2243.0	9.12	446.0	2235.9	9.58	89.6	1960.5	7.03
342.6	2262.6	9.37	458.8	2248.7	9.72	73.7	1976.4	7.11
381.7	2301.7	10.02	471.6	2261.5	9.93	57.8	1992.3	7.23
401.3	2321.3	10.12	484.5	2274.4	10.26	41.9	2008.2	7.37
440.4	2360.4	10.32	497.3	2287.2	10.55	26.0	2024.1	7.55
460.0	2380.0	10.84	510.1	2300.0	10.70	10.1	2040.0	7.85

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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
1401.1	36.59	39.27	39.27	35.89	38.31	40.29
1431.1	36.11	36.39	36.73	35.91	33.77	31.48
1461.1	35.57	36.15	36.82	37.65	36.50	35.15
1491.1	35.29	35.78	36.65	40.39	40.51	39.87
1521.1	35.05	35.35	35.98	41.43	42.53	42.74
1551.1	34.86	35.22	35.86	41.36	41.71	41.03
1581.1	34.70	34.86	35.45	40.96	40.50	39.61
1611.1	34.67	34.76	35.29	40.65	39.90	38.76
1641.1	34.78	34.74	35.10	39.25	38.34	37.46
1671.1	35.14	34.77	34.97	36.77	36.18	35.86
1701.1	35.52	35.08	35.31	34.27	33.91	33.88
1731.1	35.65	35.63	36.04	32.39	32.60	32.82
1761.1	37.31	37.67	38.43	31.41	31.77	32.06
1791.1	39.30	39.72	40.30	30.76	31.29	31.67
1821.1	41.06	41.30	41.47	30.35	31.02	31.54
1851.1	43.21	43.30	43.39	30.40	31.11	31.86
1881.1	45.49	45.66	45.07	30.62	31.57	32.59
1911.1	46.74	47.25	45.40	30.80	31.86	33.00
1941.1	48.15	48.07	45.19	31.06	32.24	33.53
1971.1	49.32	49.83	45.35	31.20	32.41	33.74
2001.1	46.69	51.29	45.28	31.02	31.96	33.24
2031.1	45.58	51.95	44.80	30.98	31.75	32.71
2061.1	45.51	53.00	45.05	30.94	31.45	32.22
2091.1	43.30	53.24	45.27	30.83	31.31	31.92
2121.1	41.17	49.26	47.29	31.00	31.42	31.97
2151.1	42.63	49.88	46.06	31.33	31.63	31.97
2181.1	42.41	49.17	47.60	31.69	31.93	32.06
2211.1	42.76	49.02	49.05	32.23	32.50	32.67
2241.1	43.20	49.62	49.45	32.78	33.02	33.21
2271.1	41.89	45.96	49.90	33.30	33.48	33.56
2301.1	42.47	46.01	48.50	33.64	33.61	33.51
2331.1	42.40	45.69	46.83	34.49	34.18	33.66
2361.1	40.90	42.90	43.90	34.82	34.03	33.32
2391.1	39.64	40.77	41.51	34.91	33.78	32.93
2431.1	38.40	38.95	38.99	34.07	32.77	32.08
2461.1	36.92	37.22	36.89	33.28	32.36	31.49
2501.1	35.49	35.39	35.25	32.13	31.48	31.13
2531.1	34.80	34.63	34.07	31.07	30.95	30.71
2571.1	33.51	32.87	31.95	29.94	30.32	30.31
2601.1	32.49	31.72	30.48	29.37	29.88	29.90

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1600.1	1401.1	40.94	41.84	36.68
1630.1	1431.1	38.35	38.63	35.32
1660.1	1461.1	38.82	37.64	34.58
1690.1	1491.1	39.43	38.36	35.57
1720.1	1521.1	40.24	39.47	37.79
1750.1	1551.1	40.28	40.31	39.29
1780.1	1581.1	40.64	41.46	40.82
1810.1	1611.1	41.81	43.77	45.16
1840.1	1641.1	41.99	44.55	47.07
1870.1	1671.1	41.83	43.99	45.67
1900.1	1701.1	43.22	45.13	45.14
1930.1	1731.1	43.53	45.02	44.68
1960.1	1761.1	43.65	45.49	44.86
1990.1	1791.1	42.90	44.35	44.68
2020.1	1821.1	41.02	41.60	42.07
2050.1	1851.1	40.90	40.77	40.99
2080.1	1881.1	41.06	40.52	41.32
2110.1	1911.1	41.40	39.05	38.92
2140.1	1941.1	41.95	38.34	37.15
2170.1	1971.1	44.18	39.32	37.24
2200.1	2001.1	48.80	42.13	37.96
2230.1	2031.1	46.57	46.24	38.29
2260.1	2061.1	44.20	49.53	38.25
2290.1	2091.1	41.00	55.52	39.35
2320.1	2121.1	39.81	50.41	38.62
2350.1	2151.1	39.96	50.68	37.12
2380.1	2181.1	38.47	47.15	39.93
2410.1	2211.1	37.93	43.46	43.49
2440.1	2241.1	37.63	43.49	43.34
2470.1	2271.1	36.37	39.48	48.46
2500.1	2301.1	36.41	39.42	51.84
2530.1	2331.1	36.59	39.82	62.25
2560.1	2361.1	36.58	39.53	50.32
2590.1	2391.1	37.20	39.62	45.59
2630.1	2431.1	38.28	39.79	43.25
2660.1	2461.1	37.79	37.88	39.60
2700.1	2501.1	37.66	35.25	35.17
2730.1	2531.1	34.57	31.60	31.33
2770.1	2571.1	31.46	28.49	27.57
2800.1	2601.1	28.65	26.24	25.47

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=2040MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1600.1	1401.1	3.91	2.91	2.11	1401.1	24.14	18.70	16.72	10.0	1.56	1.40	1.35
1630.1	1431.1	3.53	2.61	2.06	1431.1	22.58	20.95	19.76	30.0	1.41	1.18	1.09
1660.1	1461.1	3.00	2.22	1.76	1461.1	20.95	19.76	18.90	50.0	1.43	1.18	1.01
1690.1	1491.1	2.77	2.04	1.67	1491.1	19.32	18.30	17.22	70.0	1.49	1.23	1.07
1720.1	1521.1	2.53	1.90	1.59	1521.1	17.22	15.96	15.13	90.0	1.50	1.25	1.11
1750.1	1551.1	2.18	1.71	1.50	1551.1	14.26	13.19	12.44	110.0	1.56	1.31	1.19
1780.1	1581.1	2.00	1.60	1.44	1581.1	11.69	10.69	9.96	130.0	1.63	1.38	1.26
1810.1	1611.1	1.82	1.51	1.41	1611.1	9.23	8.39	7.76	150.0	1.67	1.42	1.29
1840.1	1641.1	1.62	1.43	1.42	1641.1	6.89	6.24	5.75	170.0	1.71	1.47	1.36
1870.1	1671.1	1.52	1.40	1.44	1671.1	5.09	4.61	4.25	190.0	1.79	1.55	1.43
1900.1	1701.1	1.44	1.40	1.48	1701.1	3.77	3.45	3.22	210.0	1.88	1.63	1.50
1930.1	1731.1	1.40	1.42	1.53	1731.1	2.98	2.83	2.72	230.0	1.92	1.66	1.53
1960.1	1761.1	1.38	1.42	1.54	1761.1	2.82	2.83	2.87	250.0	2.00	1.76	1.63
1990.1	1791.1	1.37	1.42	1.55	1791.1	3.22	3.37	3.52	270.0	2.10	1.84	1.70
2020.1	1821.1	1.37	1.40	1.53	1821.1	4.02	4.28	4.50	290.0	2.17	1.89	1.74
2050.1	1851.1	1.40	1.38	1.49	1851.1	5.19	5.54	5.87	310.0	2.26	1.97	1.82
2080.1	1881.1	1.42	1.36	1.45	1881.1	6.68	7.11	7.50	330.0	2.38	2.09	1.93
2110.1	1911.1	1.50	1.35	1.39	1911.1	8.27	8.77	9.23	350.0	2.48	2.16	1.99
2140.1	1941.1	1.57	1.38	1.37	1941.1	10.13	10.75	11.31	370.0	2.52	2.18	2.00
2170.1	1971.1	1.65	1.42	1.37	1971.1	12.18	12.80	13.39	390.0	2.67	2.31	2.12
2200.1	2001.1	1.83	1.51	1.39	2001.1	14.03	14.62	15.00	410.0	2.80	2.43	2.23
2230.1	2031.1	1.95	1.59	1.42	2031.1	16.41	16.89	17.39	430.0	2.86	2.47	2.26
2260.1	2061.1	2.03	1.63	1.45	2061.1	18.70	19.11	19.76	450.0	2.91	2.49	2.29
2290.1	2091.1	2.20	1.75	1.51	2091.1	20.45	20.70	20.70	470.0	3.07	2.62	2.38
2320.1	2121.1	2.32	1.84	1.55	2121.1	22.29	22.29	22.58	490.0	3.22	2.71	2.44
2350.1	2151.1	2.33	1.84	1.56	2151.1	24.48	24.48	24.83	510.0	3.22	2.73	2.45
2380.1	2181.1	2.53	1.98	1.64	2181.1	26.33	25.94	25.56	530.0	3.25	2.77	2.52
2410.1	2211.1	2.69	2.11	1.71	2211.1	27.59	27.16	26.74	550.0	3.31	2.82	2.54
2440.1	2241.1	2.63	2.06	1.69	2241.1	28.96	28.49	28.49	570.0	3.42	2.87	2.57
2470.1	2271.1	2.80	2.19	1.77	2271.1	29.46	28.96	28.49	590.0	3.50	2.95	2.64
2500.1	2301.1	2.87	2.25	1.81	2301.1	29.96	28.96	28.03	610.0	3.62	3.05	2.73
2530.1	2331.1	2.89	2.27	1.82	2331.1	29.96	29.46	28.96	630.0	3.63	3.04	2.70
2560.1	2361.1	3.00	2.36	1.89	2361.1	29.96	28.96	28.49	650.0	3.72	3.10	2.72
2590.1	2391.1	3.19	2.51	2.00	2391.1	28.96	28.03	26.74	660.0	3.83	3.19	2.81
2630.1	2431.1	3.07	2.39	1.92	2431.1	28.03	27.16	26.74	680.0	3.88	3.26	2.84
2660.1	2461.1	3.17	2.48	1.97	2461.1	26.33	25.56	25.19	690.0	3.96	3.33	2.92
2700.1	2501.1	3.16	2.51	2.00	2501.1	23.81	23.18	22.58	710.0	3.96	3.30	2.90
2730.1	2531.1	2.95	2.31	1.84	2531.1	23.49	23.18	23.18	720.0	4.02	3.37	2.96
2770.1	2571.1	2.90	2.31	1.84	2571.1	21.73	21.20	20.70	740.0	4.09	3.43	3.00
2800.1	2601.1	2.77	2.22	1.79	2601.1	20.22	19.98	19.54	750.0	4.20	3.53	3.12

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	21	26	24	37	26	45	43	44	58
1	-	38	+0	39	18	41	27	72	53	52	55	76
2	59	47	49	56	53	52	62	57	66	51	64	66
3	>90	73	57	78	53	72	55	77	62	>83	73	80
4	>90	>83	>83	>83	82	>83	81	>83	>83	>83	>83	78
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: 1920 MHz; 0.00 dBm.
LO IN: 1721 MHz; +10.00 dBm
IF OUT: 199 MHz; -7.14 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	33	36	35	45	39	53	57	57	55
1	-	37	+0	39	18	41	29	68	55	52	56	78
2	40	38	40	45	48	43	53	49	60	46	56	68
3	67	65	38	56	34	60	37	66	44	67	62	76
4	90	68	72	66	59	66	61	60	69	77	75	54
5	>90	68	73	69	60	74	55	72	53	82	57	84
6	>90	76	78	73	72	89	73	79	73	77	78	84
7	>90	85	84	79	81	84	74	76	71	72	71	78
8	>90	>93	>93	82	>93	88	83	>93	83	92	76	85
9	>90	>93	>93	>93	>93	87	92	92	>93	89	79	80
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: 1920 MHz; 10.00 dBm.
LO IN: 1721 MHz; +10.00 dBm
IF OUT: 199 MHz; 2.68 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.

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