Frequency Mixer HJK-272MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+10	+13	+16
460.5	490.5	10.13	9.66	9.22
506.0	536.0	8.61	8.25	8.00
551.5	581.5	8.03	7.72	7.51
597.0	627.0	7.71	7.44	7.25
642.5	672.5	7.53	7.28	7.10
688.0	718.0	7.37	7.14	6.98
733.5	763.5	7.22	7.00	6.85
779.0	809.0	7.14	6.94	6.81
824.5	854.5	7.06	6.88	6.75
900.0	930.0	7.00	6.83	6.71
973.5	1003.5	6.94	6.76	6.65
1047.0	1077.0	6.86	6.68	6.56
1120.5	1150.5	6.81	6.64	6.54
1194.0	1224.0	6.82	6.67	6.57
1267.5	1297.5	6.85	6.68	6.57
1341.0	1371.0	6.88	6.70	6.59
1414.5	1444.5	6.98	6.80	6.70
1488.0	1518.0	7.08	6.89	6.76
1561.5	1591.5	7.28	7.09	6.96
1671.8	1701.8	7.42	7.26	7.18
1745.3	1775.3	7.21	7.04	6.98
1818.8	1848.8	7.11	6.94	6.88
1892.3	1922.3	7.00	6.82	6.75
1965.8	1995.8	6.93	6.75	6.69
2039.3	2069.3	6.92	6.73	6.65
2112.8	2142.8	6.94	6.71	6.61
2186.3	2216.3	6.94	6.73	6.65
2259.8	2289.8	7.02	6.84	6.79
2333.3	2363.3	7.09	6.92	6.88
2480.0	2510.0	7.25	7.11	7.10
2640.0	2670.0	7.49	7.38	7.37
2800.0	2830.0	7.94	7.83	7.83
2960.0	2990.0	8.32	8.21	8.21
3120.0	3150.0	8.87	8.75	8.76
3280.0	3310.0	9.25	9.05	9.03
3440.0	3470.0	9.64	9.36	9.30
3600.0	3630.0	10.02	9.65	9.54
3760.0	3790.0	10.71	10.18	9.94
4000.0	4030.0	11.50	10.83	10.47

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
460.5	490.5	15.39	17.74	19.73
506.0	536.0	17.10	19.55	22.71
551.5	581.5	17.92	20.93	23.71
597.0	627.0	19.24	22.05	24.27
642.5	672.5	19.63	22.41	24.70
688.0	718.0	20.18	22.81	25.11
733.5	763.5	20.02	22.40	24.72
779.0	809.0	19.82	22.09	24.42
824.5	854.5	19.99	22.23	24.67
900.0	930.0	20.25	22.48	25.07
973.5	1003.5	20.05	22.41	25.10
1047.0	1077.0	19.21	21.32	23.87
1120.5	1150.5	19.50	21.62	24.42
1194.0	1224.0	19.74	21.83	24.66
1267.5	1297.5	19.80	21.89	24.71
1341.0	1371.0	19.70	21.69	24.34
1414.5	1444.5	20.07	22.16	24.85
1488.0	1518.0	20.64	23.14	26.12
1561.5	1591.5	20.86	23.68	26.72
1671.8	1701.8	20.01	23.34	26.73
1745.3	1775.3	18.83	21.95	25.25
1818.8	1848.8	18.25	21.24	24.37
1892.3	1922.3	18.17	21.03	24.01
1965.8	1995.8	18.40	21.22	24.12
2039.3	2069.3	18.16	21.08	24.01
2112.8	2142.8	17.61	20.68	24.20
2186.3	2216.3	17.65	20.61	23.79
2259.8	2289.8	18.07	21.01	24.22
2333.3	2363.3	18.12	21.17	24.34
2480.0	2510.0	18.14	21.50	24.29
2640.0	2670.0	18.42	21.94	25.04
2800.0	2830.0	18.05	21.76	25.29
2960.0	2990.0	17.78	21.58	25.66
3120.0	3150.0	17.03	20.53	25.02
3280.0	3310.0	15.76	19.25	23.04
3440.0	3470.0	15.24	18.60	22.50
3600.0	3630.0	14.61	17.79	21.52
3760.0	3790.0	13.84	16.84	20.26
4000.0	4030.0	13.59	16.32	19.42

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+16dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
460.5	490.5	2.05	1.80	1.43
506.0	536.0	2.37	1.79	1.16
551.5	581.5	2.60	1.85	1.12
597.0	627.0	2.20	1.39	0.77
642.5	672.5	2.36	1.39	0.73
688.0	718.0	2.41	1.32	0.63
733.5	763.5	2.19	1.12	0.49
779.0	809.0	2.21	1.08	0.45
824.5	854.5	2.33	1.08	0.42
900.0	930.0	1.87	0.84	0.34
973.5	1003.5	2.01	0.90	0.39
1047.0	1077.0	1.78	0.83	0.36
1120.5	1150.5	1.87	0.83	0.38
1194.0	1224.0	1.87	0.89	0.41
1267.5	1297.5	1.99	0.93	0.43
1341.0	1371.0	2.25	1.14	0.54
1414.5	1444.5	2.38	1.20	0.57
1488.0	1518.0	2.56	1.34	0.64
1561.5	1591.5	2.77	1.43	0.67
1671.8	1701.8	2.88	1.50	0.66
1745.3	1775.3	3.08	1.65	0.75
1818.8	1848.8	3.48	1.92	0.87
1892.3	1922.3	3.69	2.08	0.97
1965.8	1995.8	3.66	2.05	0.96
2039.3	2069.3	3.98	2.31	1.11
2112.8	2142.8	4.10	2.45	1.21
2186.3	2216.3	4.18	2.52	1.28
2259.8	2289.8	3.59	2.04	1.01
2333.3	2363.3	3.81	2.17	1.04
2480.0	2510.0	3.78	2.10	0.96
2640.0	2670.0	3.50	1.86	0.84
2800.0	2830.0	3.53	1.86	0.82
2960.0	2990.0	3.48	1.82	0.78
3120.0	3150.0	3.72	2.02	0.89
3280.0	3310.0	4.18	2.49	1.18
3440.0	3470.0	4.24	2.60	1.28
3600.0	3630.0	4.49	2.88	1.48
3760.0	3790.0	4.59	3.11	1.71
4000.0	4030.0	4.56	3.21	1.87

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1650MHz (dB) @LO (dBm) +13
1196.0	454.0	13.77
1180.8	469.2	11.16
1165.6	484.4	9.75
1150.4	499.6	9.12
1135.2	514.8	8.60
1000.0	650.0	7.87
970.0	680.0	7.86
940.0	710.0	7.81
910.0	740.0	7.87
880.0	770.0	7.89
842.5	807.5	7.99
812.5	837.5	8.11
782.5	867.5	8.09
752.5	897.5	8.00
722.5	927.5	7.96
656.0	994.0	7.63
520.0	1130.0	7.38
384.0	1266.0	7.24
248.0	1402.0	7.43
112.0	1538.0	7.44
10.0	1660.0	7.19
80.0	1730.0	7.39
150.0	1800.0	7.51
220.0	1870.0	7.41
290.0	1940.0	7.29
377.5	2027.5	7.29
447.5	2097.5	7.42
517.5	2167.5	7.41
587.5	2237.5	7.53
657.5	2307.5	7.73
734.0	2384.0	7.96
790.0	2440.0	7.97
846.0	2496.0	8.13
902.0	2552.0	8.25
958.0	2608.0	8.33
1034.5	2684.5	8.49
1132.5	2782.5	8.74
1230.5	2880.5	9.09
1328.5	2978.5	9.49
1426.5	3076.5	9.92

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=900MHz (dB) @LO (dBm) +13
10.0	910.0	6.67
44.5	944.5	6.76
79.0	979.0	6.68
113.5	1013.5	6.67
148.0	1048.0	6.78
182.5	1082.5	6.63
217.0	1117.0	6.73
251.5	1151.5	6.74
286.0	1186.0	6.61
320.5	1220.5	6.71
372.3	1272.3	6.56
406.8	1306.8	6.58
441.3	1341.3	6.67
475.8	1375.8	6.61
510.3	1410.3	6.65
544.8	1444.8	6.65
579.3	1479.3	6.50
613.8	1513.8	6.53
648.3	1548.3	6.53
682.8	1582.8	6.46
752.5	1652.5	6.58
777.5	1677.5	6.56
802.5	1702.5	6.60
827.5	1727.5	6.70
852.5	1752.5	6.69
877.5	1777.5	6.68
902.5	1802.5	6.88
927.5	1827.5	6.98
952.5	1852.5	7.03
977.5	1877.5	7.02
1025.0	1925.0	7.24
1075.0	1975.0	7.40
1125.0	2025.0	7.61
1175.0	2075.0	7.81
1225.0	2125.0	7.97
1275.0	2175.0	8.15
1325.0	2225.0	8.27
1375.0	2275.0	8.55
1425.0	2325.0	8.68
1500.0	2400.0	8.94

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2400MHz (dB) @LO (dBm) +13
1500.0	900.0	8.63
1452.0	948.0	8.60
1404.0	996.0	8.42
1356.0	1044.0	8.56
1308.0	1092.0	8.58
1260.0	1140.0	8.83
1212.0	1188.0	8.80
1164.0	1236.0	8.74
1116.0	1284.0	8.50
1068.0	1332.0	8.35
1000.0	1400.0	8.23
985.0	1415.0	8.15
970.0	1430.0	8.12
955.0	1445.0	8.06
940.0	1460.0	8.07
925.0	1475.0	8.02
910.0	1490.0	8.03
895.0	1505.0	7.95
880.0	1520.0	7.91
865.0	1535.0	7.85
842.5	1557.5	7.85
827.5	1572.5	7.88
812.5	1587.5	7.84
797.5	1602.5	7.78
782.5	1617.5	7.69
767.5	1632.5	7.76
752.5	1647.5	7.77
737.5	1662.5	7.82
722.5	1677.5	7.78
707.5	1692.5	7.73
618.0	1782.0	7.66
554.0	1846.0	7.50
490.0	1910.0	7.35
426.0	1974.0	7.39
362.0	2038.0	7.18
298.0	2102.0	7.09
234.0	2166.0	7.21
170.0	2230.0	7.13
106.0	2294.0	7.01
10.0	2390.0	6.86

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+10	+13	+16	+10	+13	+16
490.5	32.34	32.96	33.57	36.28	37.43	38.60
536.0	34.22	34.68	35.32	36.93	37.85	38.94
581.5	35.93	36.33	36.88	36.78	37.47	38.26
627.0	36.69	37.11	37.65	36.18	36.89	37.64
672.5	37.81	38.22	38.71	35.56	36.20	36.86
718.0	38.28	38.66	39.03	35.17	35.84	36.53
763.5	39.05	39.37	39.66	36.22	37.18	38.19
809.0	47.93	49.81	51.32	40.49	42.42	44.12
854.5	57.50	53.10	50.10	35.05	35.57	36.06
930.0	52.58	55.81	57.09	31.55	31.90	32.27
1003.5	50.20	53.37	57.01	30.23	30.51	30.80
1077.0	47.82	50.14	52.44	29.41	29.64	29.89
1150.5	44.66	45.95	46.86	28.65	28.86	29.09
1224.0	42.95	43.69	44.16	28.36	28.53	28.72
1297.5	43.40	43.96	44.37	28.41	28.54	28.70
1371.0	44.38	44.91	45.27	28.95	29.03	29.14
1444.5	46.19	47.05	47.87	29.45	29.45	29.49
1518.0	46.95	47.69	48.39	29.98	29.90	29.84
1591.5	45.95	45.49	45.25	30.93	30.79	30.67
1701.8	51.91	48.74	47.02	32.63	32.45	32.28
1775.3	52.05	50.07	48.67	34.74	34.48	34.23
1848.8	49.56	48.54	47.68	37.33	36.93	36.56
1922.3	47.17	46.27	45.54	39.52	38.89	38.32
1995.8	44.66	43.78	43.05	41.34	40.52	39.74
2069.3	43.34	42.71	42.17	41.46	40.82	40.17
2142.8	42.41	41.93	41.56	39.66	39.38	39.04
2216.3	42.76	42.66	42.65	37.11	37.01	36.83
2289.8	46.32	47.01	47.94	35.05	35.06	34.97
2400.0	54.94	57.54	60.63	33.11	33.28	33.36
2510.0	54.37	54.43	53.60	31.11	31.32	31.49
2670.0	45.30	44.82	44.41	28.57	28.76	29.01
2830.0	42.20	41.68	41.27	28.56	28.65	28.78
2990.0	40.37	39.75	39.28	29.21	29.27	29.35
3150.0	40.80	39.92	39.24	29.62	29.68	29.74
3310.0	44.23	43.11	42.16	30.15	30.16	30.19
3470.0	47.34	47.17	46.72	29.95	29.91	29.89
3630.0	43.51	43.72	43.84	30.32	30.25	30.20
3790.0	39.85	39.94	40.02	31.30	31.22	31.16
4030.0	34.67	34.56	34.45	30.35	30.34	30.32

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+10	+13	+16
460.5	490.5	21.03	21.06	21.62
506.0	536.0	25.09	25.75	26.27
551.5	581.5	27.38	27.93	28.40
597.0	627.0	29.27	29.89	30.26
642.5	672.5	30.51	30.90	31.17
688.0	718.0	32.48	32.67	32.76
733.5	763.5	34.16	34.34	34.64
779.0	809.0	35.38	35.43	35.53
824.5	854.5	32.70	32.56	32.68
900.0	930.0	34.13	33.96	34.14
973.5	1003.5	34.57	34.59	34.94
1047.0	1077.0	34.20	34.15	34.43
1120.5	1150.5	34.15	34.15	34.62
1194.0	1224.0	33.78	33.79	33.94
1267.5	1297.5	33.83	33.98	34.51
1341.0	1371.0	32.99	33.09	33.35
1414.5	1444.5	32.28	32.47	32.87
1488.0	1518.0	31.44	31.64	32.02
1561.5	1591.5	30.66	30.95	31.37
1671.8	1701.8	33.08	33.00	32.99
1745.3	1775.3	34.28	33.46	32.83
1818.8	1848.8	34.15	33.19	32.43
1892.3	1922.3	33.62	32.73	31.96
1965.8	1995.8	33.10	32.46	31.80
2039.3	2069.3	33.22	32.78	32.29
2112.8	2142.8	32.89	32.62	32.30
2186.3	2216.3	32.63	32.41	32.19
2259.8	2289.8	32.74	32.56	32.36
2333.3	2363.3	33.49	33.44	33.34
2480.0	2510.0	35.15	35.58	35.78
2640.0	2670.0	34.51	34.96	35.29
2800.0	2830.0	36.31	36.72	36.93
2960.0	2990.0	37.76	38.27	38.58
3120.0	3150.0	40.04	40.46	40.67
3280.0	3310.0	41.24	41.35	41.23
3440.0	3470.0	39.69	39.27	38.82
3600.0	3630.0	36.64	36.18	35.74
3760.0	3790.0	33.74	33.35	32.97
4000.0	4030.0	29.97	29.80	29.60

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+10	+13	+16
460.5	490.5	3.48	3.31	3.16
506.0	536.0	3.18	3.01	2.84
551.5	581.5	2.97	2.80	2.64
597.0	627.0	2.75	2.58	2.43
642.5	672.5	2.59	2.43	2.28
688.0	718.0	2.47	2.32	2.18
733.5	763.5	2.33	2.19	2.06
779.0	809.0	2.21	2.07	1.95
824.5	854.5	2.19	2.04	1.92
900.0	930.0	2.10	1.96	1.83
973.5	1003.5	2.05	1.91	1.80
1047.0	1077.0	2.00	1.88	1.78
1120.5	1150.5	1.91	1.78	1.68
1194.0	1224.0	1.87	1.74	1.64
1267.5	1297.5	1.83	1.70	1.60
1341.0	1371.0	1.80	1.67	1.56
1414.5	1444.5	1.76	1.62	1.51
1488.0	1518.0	1.73	1.60	1.49
1561.5	1591.5	1.74	1.62	1.52
1671.8	1701.8	1.57	1.49	1.44
1745.3	1775.3	1.41	1.34	1.30
1818.8	1848.8	1.31	1.23	1.19
1892.3	1922.3	1.23	1.14	1.12
1965.8	1995.8	1.16	1.08	1.11
2039.3	2069.3	1.11	1.06	1.13
2112.8	2142.8	1.07	1.08	1.18
2186.3	2216.3	1.05	1.14	1.26
2259.8	2289.8	1.13	1.24	1.36
2333.3	2363.3	1.20	1.31	1.44
2480.0	2510.0	1.36	1.48	1.61
2640.0	2670.0	1.59	1.72	1.86
2800.0	2830.0	1.80	1.94	2.09
2960.0	2990.0	2.07	2.22	2.38
3120.0	3150.0	2.30	2.46	2.63
3280.0	3310.0	2.52	2.66	2.82
3440.0	3470.0	2.80	2.91	3.05
3600.0	3630.0	3.12	3.17	3.26
3760.0	3790.0	3.41	3.39	3.40
4000.0	4030.0	3.76	3.64	3.53

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+10	+13	+16
490.5	4.25	4.25	4.24
536.0	4.35	4.36	4.35
581.5	4.38	4.39	4.40
627.0	4.38	4.40	4.43
672.5	4.35	4.39	4.44
718.0	4.29	4.33	4.38
763.5	4.20	4.23	4.27
809.0	4.12	4.15	4.19
854.5	4.05	4.08	4.12
930.0	3.92	3.94	3.96
1003.5	3.76	3.77	3.77
1077.0	3.57	3.57	3.57
1150.5	3.38	3.38	3.38
1224.0	3.21	3.21	3.21
1297.5	3.08	3.09	3.09
1371.0	2.99	3.00	3.00
1444.5	2.97	2.97	2.98
1518.0	3.00	3.01	3.02
1591.5	3.06	3.07	3.07
1701.8	3.19	3.20	3.21
1775.3	3.30	3.31	3.32
1848.8	3.38	3.40	3.41
1922.3	3.43	3.45	3.46
1995.8	3.50	3.51	3.53
2069.3	3.50	3.51	3.52
2142.8	3.46	3.47	3.48
2216.3	3.40	3.40	3.41
2289.8	3.30	3.30	3.31
2400.0	3.13	3.14	3.15
2510.0	2.93	2.94	2.95
2670.0	2.70	2.71	2.72
2830.0	2.58	2.58	2.59
2990.0	2.61	2.62	2.63
3150.0	2.72	2.72	2.73
3310.0	2.79	2.79	2.79
3470.0	2.88	2.88	2.89
3630.0	2.93	2.93	2.93
3790.0	2.99	2.99	2.99
4030.0	3.08	3.09	3.09

IF (OUT) (MHz)	IF VSWR @LO=2400MHz (:1) @LO (dBm)		
	+10	+13	+16
10.0	1.48	1.61	1.76
19.0	1.47	1.59	1.74
28.0	1.47	1.60	1.74
37.0	1.48	1.60	1.75
46.0	1.47	1.60	1.74
55.0	1.47	1.59	1.73
64.0	1.47	1.59	1.73
73.0	1.47	1.59	1.73
82.0	1.47	1.59	1.73
91.0	1.46	1.58	1.72
120.0	1.49	1.61	1.74
164.0	1.52	1.63	1.77
208.0	1.55	1.66	1.78
252.0	1.60	1.70	1.82
296.0	1.64	1.74	1.84
340.0	1.71	1.79	1.90
384.0	1.73	1.81	1.90
428.0	1.76	1.84	1.93
472.0	1.74	1.80	1.88
516.0	1.77	1.82	1.90
582.0	1.71	1.76	1.81
626.0	1.71	1.75	1.81
670.0	1.65	1.68	1.72
714.0	1.63	1.65	1.69
758.0	1.58	1.60	1.63
802.0	1.57	1.59	1.63
846.0	1.50	1.54	1.58
890.0	1.43	1.46	1.51
934.0	1.38	1.42	1.48
1000.0	1.30	1.36	1.43
1082.0	1.29	1.38	1.47
1126.0	1.33	1.43	1.52
1170.0	1.38	1.48	1.59
1214.0	1.45	1.56	1.67
1258.0	1.58	1.70	1.82
1302.0	1.67	1.79	1.92
1346.0	1.81	1.94	2.09
1390.0	1.92	2.07	2.22
1500.0	2.29	2.46	2.63

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	11.27	30.84	29.87	39.16	30.70	44.66	31.34	55.71	59.09	63.26
1	---	25.48	---	28.32	25.18	32.22	49.11	45.71	48.86	51.05	50.55	71.62
2	91.96	63.94	47.48	46.84	50.11	63.56	60.30	61.66	57.81	64.97	55.65	67.81
3	111.81	70.83	63.70	77.46	54.09	65.35	68.12	69.53	79.05	71.57	81.88	78.02
4	111.46	90.25	95.22	102.93	79.02	85.04	80.04	96.34	90.27	91.72	87.72	84.13
5	113.76	102.10	93.85	102.19	87.08	85.94	75.10	87.26	87.24	93.69	101.06	99.21
6	110.13	101.80	100.81	102.41	94.80	100.29	87.93	88.77	92.12	98.58	103.46	100.20
7	110.24	101.52	102.33	100.59	102.05	102.93	103.51	98.93	93.70	99.45	103.03	102.08
8	111.86	100.69	101.33	102.49	102.52	102.26	102.08	102.18	101.39	102.82	101.97	102.92
9	110.51	98.14	101.43	102.07	102.19	100.55	101.99	102.46	102.78	101.93	101.13	102.78
10	106.87	99.64	99.41	100.94	102.91	103.06	103.50	102.88	102.62	102.36	87.36	101.80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:
RF IN: 1650 MHz; 0.00 dBm.
LO IN: 1680 MHz; +13.00 dBm
IF OUT: 30 MHz; -7.41 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	17.98	39.12	37.75	47.29	39.94	74.08	45.80	52.83	66.72	72.46
1	---	25.07	---	29.83	26.93	36.28	49.32	48.45	50.66	60.49	50.24	86.29
2	89.04	58.04	36.07	36.82	39.54	52.42	49.40	54.60	51.56	67.76	58.70	65.73
3	98.12	51.48	44.79	55.32	33.78	50.70	47.27	57.45	67.84	63.82	69.01	67.13
4	98.65	71.16	61.15	67.77	52.79	56.36	56.39	65.54	64.48	68.02	64.43	73.19
5	100.24	73.88	72.76	71.91	68.83	75.83	58.74	66.31	69.63	70.91	81.14	69.81
6	101.05	82.42	79.10	82.09	74.57	80.56	63.61	71.61	60.76	77.34	72.92	88.74
7	99.94	88.28	85.38	83.98	81.07	84.63	75.99	76.93	67.14	84.27	80.31	82.16
8	99.65	94.23	101.27	90.81	94.02	92.31	84.66	101.34	72.80	90.32	69.81	91.24
9	98.09	104.02	96.29	93.79	90.47	101.22	88.46	104.85	80.85	83.85	71.76	82.75
10	99.00	112.11	108.91	98.01	97.33	99.62	99.67	106.76	90.98	101.68	80.87	92.77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:
RF IN: 1650 MHz; 10.00 dBm.
LO IN: 1680 MHz; +13.00 dBm
IF OUT: 30 MHz; 2.40 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 represents the Harmonics level of the RF Input Signal to the mixer