Voltage Controlled Oscillator MOS-1797-119+

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	F2	F3	F4	
0.00	121.9	1490.7	1475.9	1463.0	3.0	2.5	1.3	-19.4	-35.0	-45.5	3.8
0.25	111.2	1520.6	1506.4	1493.2	3.6	3.1	2.3	-16.4	-33.2	-43.6	4.3
0.50	100.4	1547.7	1534.2	1521.4	3.7	3.3	2.7	-15.6	-31.6	-44.7	4.0
0.75	95.9	1572.5	1559.3	1547.0	3.9	3.4	2.7	-15.7	-30.7	-45.6	3.4
1.00	92.4	1596.2	1583.3	1571.0	3.9	3.5	2.8	-15.7	-30.6	-48.0	2.9
1.25	89.0	1618.7	1606.4	1594.4	3.7	3.3	2.8	-15.5	-29.7	-50.3	2.4
1.50	89.5	1640.8	1628.6	1617.0	3.7	3.2	2.5	-16.2	-29.6	-54.6	2.0
1.75	91.3	1663.4	1651.0	1639.2	3.5	3.1	2.4	-17.3	-29.8	-61.5	1.6
2.00	92.9	1686.7	1673.8	1661.5	3.3	2.9	2.4	-19.5	-29.3	-67.7	1.3
2.36	91.1	1720.2	1707.2	1694.1	2.8	2.6	2.3	-22.6	-29.2	-62.4	0.9
2.50	90.1	1733.0	1720.1	1706.9	2.7	2.5	2.2	-23.9	-28.9	-59.9	0.8
2.75	91.9	1756.1	1742.6	1729.3	2.7	2.4	2.1	-26.0	-28.1	-58.5	0.7
3.00	92.8	1779.5	1765.6	1751.7	2.7	2.5	2.1	-27.7	-28.9	-57.5	0.8
3.25	92.0	1802.8	1788.8	1774.7	2.7	2.5	2.2	-28.7	-30.1	-58.5	1.0
3.50	89.8	1825.7	1811.8	1797.7	2.6	2.5	2.2	-28.7	-30.3	-58.3	1.4
3.75	86.9	1847.9	1834.2	1820.4	2.6	2.4	2.1	-29.8	-30.8	-57.6	1.8
4.00	86.0	1869.8	1855.9	1842.4	2.7	2.4	2.0	-31.0	-30.5	-59.2	2.4
4.25	83.2	1891.3	1877.4	1863.9	2.7	2.5	2.1	-30.5	-30.3	-58.0	2.9
4.50	78.4	1911.8	1898.2	1885.0	2.7	2.4	2.1	-31.3	-30.6	-58.1	3.4
4.75	73.6	1931.2	1917.8	1905.0	2.6	2.4	2.1	-30.9	-30.6	-56.6	3.8
5.00	67.5	1949.2	1936.3	1923.6	2.5	2.3	2.0	-30.4	-31.5	-56.3	4.2
5.25	62.1	1965.9	1953.1	1941.0	2.5	2.2	2.0	-31.4	-31.7	-55.9	4.4
5.50	57.4	1981.5	1968.7	1956.7	2.6	2.2	1.9	-31.1	-32.7	-54.8	4.5
5.75	52.6	1995.9	1983.0	1971.2	2.6	2.3	1.9	-31.4	-32.9	-53.4	4.5
6.00	52.6	2008.7	1996.1	1984.3	2.6	2.3	2.0	-31.4	-33.8	-53.7	4.4

FREQ OFFSET (kHz)	PHASE NOISE (dBc/Hz)
1	-70
10	-98
100	-121
1000	-141