

Voltage Controlled Oscillator

MOS-1632-119+

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.00	35.05	1520.4	1514.8	1509.6	5.47	5.02	4.63	-21.1	-24.1	-39.3	0.81	1	-83
0.25	32.26	1528.9	1523.5	1518.7	5.42	4.97	4.56	-21.0	-21.9	-40.5	0.62	10	-110
0.50	30.75	1536.8	1531.6	1526.9	5.36	4.93	4.52	-20.9	-24.3	-39.1	0.52	100	-130
0.75	30.29	1544.4	1539.3	1534.6	5.30	4.87	4.47	-20.7	-26.0	-37.3	0.43	1000	-151
1.00	30.12	1552.0	1546.9	1542.2	5.24	4.82	4.41	-20.3	-23.5	-37.6	0.35		
1.25	30.27	1559.6	1554.4	1549.8	5.19	4.77	4.36	-19.9	-25.7	-36.0	0.31		
1.50	30.81	1567.2	1562.0	1557.3	5.12	4.73	4.32	-19.6	-27.9	-35.6	0.28		
1.75	31.38	1575.1	1569.7	1564.9	5.03	4.66	4.26	-19.6	-25.6	-36.3	0.25		
2.00	32.05	1583.0	1577.5	1572.6	4.99	4.59	4.17	-19.1	-27.7	-33.8	0.22		
2.25	32.74	1591.1	1585.5	1580.6	4.93	4.56	4.12	-18.6	-28.2	-35.3	0.22		
2.50	33.29	1599.4	1593.7	1588.7	4.85	4.50	4.07	-18.2	-29.0	-33.0	0.22		
2.75	33.92	1607.9	1602.0	1596.9	4.78	4.43	4.00	-18.1	-30.2	-32.6	0.25		
3.00	34.45	1616.5	1610.5	1605.3	4.70	4.38	3.93	-18.0	-29.6	-32.6	0.28		
3.25	34.92	1625.2	1619.1	1613.9	4.62	4.31	3.86	-17.9	-32.7	-31.1	0.33		
3.50	35.32	1634.0	1627.9	1622.5	4.54	4.24	3.78	-17.8	-30.9	-31.1	0.39		
3.75	35.44	1642.9	1636.7	1631.3	4.49	4.17	3.69	-17.6	-32.2	-29.9	0.45		
4.00	35.49	1651.9	1645.5	1640.2	4.43	4.12	3.61	-17.2	-33.8	-30.5	0.53		
4.25	35.30	1660.8	1654.4	1649.0	4.34	4.06	3.55	-17.1	-32.1	-30.2	0.61		
4.50	35.23	1669.6	1663.2	1657.9	4.28	3.98	3.45	-17.0	-33.9	-29.8	0.68		
4.75	34.96	1678.5	1672.1	1666.7	4.22	3.94	3.37	-17.1	-33.8	-29.8	0.73		
5.00	34.77	1687.3	1680.8	1675.5	4.15	3.89	3.33	-16.9	-34.0	-30.3	0.81		
5.25	34.47	1696.0	1689.5	1684.2	4.10	3.83	3.23	-16.8	-34.3	-27.8	0.86		
5.50	34.21	1704.6	1698.1	1692.8	4.07	3.79	3.15	-16.8	-34.5	-30.1	0.90		
5.75	33.72	1713.1	1706.7	1701.4	4.03	3.75	3.08	-16.7	-34.3	-27.8	0.91		
6.00	33.36	1721.6	1715.1	1709.8	3.98	3.71	3.01	-16.5	-34.7	-28.1	0.94		
6.25	33.02	1730.0	1723.4	1718.2	3.93	3.65	2.95	-16.4	-35.4	-27.5	0.97		
6.50	32.76	1738.3	1731.7	1726.4	3.90	3.61	2.85	-16.6	-35.8	-29.5	0.98		
6.75	32.40	1746.5	1739.9	1734.6	3.83	3.56	2.76	-16.7	-35.3	-27.3	0.96		
7.00	32.40	1754.6	1748.0	1742.7	3.81	3.49	2.66	-16.9	-36.2	-28.7	0.95		