

Voltage Controlled Oscillator

ROS-EDR5631

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			
0.5	22.65	1696.6	1691.0	1688.6	8.04	6.89	6.11	-13.4	-24.8	-37.9	-0.17	1	-82
1.0	18.61	1705.7	1700.3	1697.9	7.99	6.93	6.21	-13.9	-24.3	-38.3	-0.17	10	-108
1.5	16.58	1713.9	1708.6	1706.2	8.01	6.93	6.24	-14.4	-23.9	-37.9	-0.16	100	-130
2.0	15.46	1721.6	1716.3	1713.9	8.00	6.84	6.21	-14.7	-23.8	-37.7	-0.17	1000	-150
2.5	14.61	1729.0	1723.6	1721.3	7.96	6.63	6.08	-14.5	-23.6	-37.4	-0.17		
3.0	13.92	1736.1	1730.6	1728.3	7.80	6.53	5.89	-14.7	-23.5	-37.6	-0.17		
3.5	13.63	1743.0	1737.4	1735.0	7.56	6.50	5.86	-15.0	-23.9	-37.2	-0.17		
4.0	13.51	1749.8	1744.2	1741.7	7.45	6.46	5.83	-15.4	-23.6	-37.8	-0.17		
4.5	13.42	1756.5	1750.9	1748.4	7.42	6.40	5.80	-15.6	-23.5	-37.1	-0.18		
5.0	13.33	1763.3	1757.5	1755.1	7.37	6.27	5.78	-15.7	-23.6	-36.3	-0.18		
5.5	13.15	1770.0	1764.1	1761.7	7.36	6.09	5.63	-15.7	-23.3	-36.6	-0.19		
6.0	13.16	1776.6	1770.7	1768.2	7.34	6.11	5.44	-16.3	-22.4	-37.7	-0.20		
6.5	13.01	1783.3	1777.2	1774.7	7.38	6.16	5.55	-17.1	-22.7	-37.1	-0.22		
7.0	14.22	1790.6	1784.3	1781.7	7.10	6.15	5.61	-17.7	-23.5	-36.0	-0.21		
7.5	14.51	1797.8	1791.6	1788.9	6.85	6.07	5.53	-18.2	-23.3	-34.5	-0.21		
8.0	14.56	1805.0	1798.8	1796.1	6.80	5.93	5.46	-18.0	-22.8	-33.9	-0.21		
8.5	14.52	1812.4	1806.1	1803.5	6.72	5.63	5.29	-17.2	-23.4	-34.7	-0.21		
9.0	14.93	1820.0	1813.6	1810.9	6.65	5.61	5.05	-17.4	-23.3	-34.9	-0.22		
9.5	15.39	1827.7	1821.3	1818.5	6.59	5.55	5.03	-17.8	-23.0	-33.7	-0.22		
10.0	15.70	1835.6	1829.1	1826.4	6.31	5.48	4.98	-18.2	-23.9	-33.6	-0.23		
10.5	16.21	1843.7	1837.2	1834.4	6.15	5.29	4.86	-18.4	-24.3	-33.5	-0.24		
11.0	16.32	1851.9	1845.4	1842.7	6.02	5.01	4.66	-18.2	-23.7	-33.7	-0.27		
11.5	16.54	1860.3	1853.6	1851.0	5.93	5.00	4.47	-18.7	-24.0	-33.3	-0.30		
12.0	16.78	1868.7	1862.0	1859.3	5.84	4.92	4.40	-19.3	-25.1	-33.7	-0.35		