

Voltage Controlled Oscillator

ROS-EDR5573

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			
0.3	49.69	1665.1	1654.9	1647.2	4.02	3.79	2.95	-32.0	-24.1	-28.6	-0.14	1	-67
0.5	44.61	1676.1	1666.0	1658.6	4.03	3.83	2.95	-32.7	-24.3	-28.8	-0.05	10	-96
0.8	43.54	1687.0	1676.9	1669.4	4.06	3.88	3.00	-33.2	-24.0	-28.7	0.02	100	-117
1.0	43.92	1698.3	1687.9	1680.3	4.10	3.95	3.05	-33.2	-24.2	-29.1	0.10	1000	-138
1.3	46.51	1710.1	1699.5	1691.6	4.05	4.02	3.12	-34.0	-24.5	-28.9	0.20		
1.5	48.99	1722.6	1711.8	1703.7	3.94	3.94	3.12	-34.2	-23.8	-28.7	0.32		
1.8	52.67	1736.3	1724.9	1716.6	3.87	3.91	3.06	-34.3	-24.0	-29.2	0.48		
2.0	57.78	1751.4	1739.4	1730.6	3.85	3.90	3.06	-34.7	-23.5	-27.7	0.57		
2.3	62.56	1766.9	1755.0	1745.9	3.77	3.91	3.04	-34.6	-23.6	-28.8	0.43		
2.5	63.08	1782.3	1770.8	1761.8	3.56	3.86	3.05	-35.1	-23.5	-29.4	0.11		
2.8	62.90	1798.1	1786.5	1777.8	3.30	3.74	2.98	-35.0	-23.4	-30.5	-0.33		
3.0	63.16	1813.3	1802.3	1793.6	3.19	3.60	2.87	-35.7	-24.1	-31.7	-0.81		
3.3	59.78	1828.4	1817.2	1809.1	3.03	3.57	2.80	-34.7	-24.0	-32.6	-1.33		
3.5	59.82	1843.8	1832.2	1824.0	2.81	3.42	2.70	-34.1	-25.6	-34.0	-1.93		
3.8	59.39	1858.2	1847.0	1838.9	2.73	3.34	2.58	-33.1	-25.9	-34.8	-2.25		
4.0	55.09	1872.2	1860.8	1853.2	2.60	3.36	2.60	-32.6	-26.6	-36.8	-2.68		
4.3	53.12	1886.0	1874.1	1866.5	2.30	3.20	2.53	-32.9	-26.4	-37.3	-2.96		
4.5	50.55	1898.3	1886.7	1878.8	2.13	3.05	2.42	-32.3	-27.0	-39.4	-3.08		
4.8	44.19	1909.0	1897.8	1890.1	1.91	2.93	2.27	-32.4	-27.3	-41.4	-2.74		
5.0	36.80	1918.1	1907.0	1899.5	1.67	2.77	2.15	-33.0	-27.0	-41.8	-2.41		
5.3	30.09	1925.6	1914.5	1906.9	1.47	2.63	2.04	-33.0	-26.9	-43.0	-1.93		
5.5	23.60	1931.3	1920.4	1912.7	1.34	2.50	1.94	-32.9	-26.9	-43.4	-1.43		
5.8	17.84	1935.3	1924.9	1916.9	1.26	2.41	1.86	-33.0	-26.9	-43.2	-0.96		
6.0	13.13	1938.2	1928.2	1920.0	1.16	2.29	1.79	-33.1	-26.8	-43.7	-0.57		
6.3	9.50	1940.2	1930.5	1922.3	1.14	2.25	1.72	-33.3	-26.8	-43.8	-0.29		
6.5	6.89	1941.6	1932.2	1923.9	1.12	2.21	1.70	-33.4	-26.8	-43.8	-0.10		
6.8	5.18	1942.7	1933.5	1925.2	1.10	2.18	1.67	-33.6	-26.8	-44.0	0.01		
7.0	4.11	1943.6	1934.6	1926.2	1.09	2.17	1.65	-33.5	-26.8	-44.3	0.08		