

Voltage Controlled Oscillator

ROS-ED9479/1

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			
0.8	22.67	1827.4	1812.9	1803.3	0.42	1.77	2.20	-24.1	-21.2	-36.4	1.41	1	-80
0.9	21.68	1830.5	1816.2	1806.6	0.35	1.73	2.17	-24.4	-21.5	-37.7	1.41	10	-99
1.1	21.20	1833.6	1819.4	1809.8	0.31	1.67	2.06	-24.3	-21.7	-38.3	1.40	100	-119
1.2	20.85	1836.5	1822.5	1812.9	0.29	1.65	2.00	-24.3	-22.1	-39.7	1.36	1000	-138
1.4	20.29	1839.3	1825.5	1815.9	0.26	1.58	1.97	-24.4	-22.4	-41.2	1.36		
1.5	19.80	1842.1	1828.5	1818.9	0.22	1.52	1.90	-24.1	-22.5	-42.8	1.41		
1.7	19.61	1844.9	1831.4	1821.8	0.20	1.50	1.88	-24.2	-22.7	-44.9	1.38		
1.8	19.46	1847.6	1834.4	1824.7	0.18	1.47	1.81	-24.0	-22.8	-46.4	1.38		
2.0	19.01	1850.4	1837.2	1827.5	0.16	1.45	1.76	-23.9	-23.0	-46.1	1.43		
2.1	18.85	1853.1	1840.0	1830.3	0.15	1.41	1.74	-23.8	-23.3	-48.2	1.38		
2.3	18.69	1855.7	1842.9	1833.1	0.12	1.40	1.71	-23.7	-23.5	-47.6	1.43		
2.4	18.78	1858.4	1845.7	1835.9	0.12	1.39	1.69	-23.6	-23.7	-46.8	1.43		
2.6	18.16	1861.2	1848.4	1838.6	0.12	1.39	1.65	-23.3	-23.6	-45.1	1.43		
2.7	18.32	1863.8	1851.1	1841.3	0.11	1.37	1.65	-23.4	-23.7	-45.8	1.43		
2.9	18.32	1866.4	1853.9	1844.0	0.08	1.37	1.63	-23.3	-23.6	-43.7	1.44		
3.0	18.29	1869.1	1856.6	1846.7	0.10	1.35	1.62	-23.1	-23.6	-42.5	1.43		
3.2	18.11	1871.1	1859.3	1849.4	0.08	1.37	1.62	-23.2	-23.8	-41.7	1.49		
3.3	18.31	1874.4	1862.1	1852.1	0.09	1.35	1.61	-23.2	-23.6	-41.8	1.49		
3.5	18.13	1877.1	1864.8	1854.8	0.08	1.36	1.60	-23.2	-24.0	-41.3	1.49		
3.6	18.43	1879.8	1867.6	1857.5	0.11	1.38	1.61	-23.1	-24.2	-40.3	1.49		
3.8	18.24	1882.5	1870.3	1860.2	0.08	1.38	1.60	-23.2	-24.0	-40.1	1.53		
3.9	18.11	1885.2	1873.0	1862.9	0.13	1.40	1.60	-23.3	-23.8	-40.1	1.55		
4.1	18.42	1888.0	1875.8	1865.6	0.18	1.39	1.59	-23.0	-24.0	-38.9	1.51		
4.2	18.18	1890.7	1878.5	1868.3	0.18	1.42	1.61	-23.4	-23.9	-38.7	1.55		
4.4	18.48	1893.5	1881.3	1871.0	0.21	1.42	1.60	-23.2	-24.0	-37.8	1.60		
4.5	18.53	1896.4	1884.1	1873.8	0.22	1.46	1.62	-23.6	-23.9	-38.6	1.55		