

Voltage Controlled Oscillator

ROS-ED12977/2

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	125.05	1545.1	1528.7	1512.4	0.51	1.21	1.25	-30.3	-41.6	-43.2	2.06	1	-74
0.50	99.38	1597.6	1583.7	1569.9	0.30	0.97	1.13	-26.5	-40.1	-41.8	0.78	10	-99
1.00	86.76	1642.8	1629.8	1617.0	0.04	0.73	0.98	-20.5	-40.9	-38.9	0.37	100	-121
1.50	81.62	1683.2	1671.1	1659.1	0.04	0.69	1.00	-15.2	-44.3	-37.7	0.66	1000	-141
2.00	82.37	1726.1	1713.4	1700.9	0.47	0.98	1.11	-18.7	-47.2	-41.3	0.16		
2.50	79.05	1766.1	1753.4	1740.9	0.47	0.99	1.11	-21.7	-47.5	-38.6	0.62		
3.00	77.76	1805.3	1792.6	1779.9	0.38	0.96	1.13	-22.9	-46.8	-36.7	0.80		
3.50	77.62	1844.4	1831.3	1818.5	0.30	0.91	1.13	-23.6	-45.5	-35.8	0.89		
4.00	76.38	1882.9	1869.7	1856.8	0.34	0.87	1.08	-24.0	-42.8	-36.9	0.89		
4.50	75.10	1921.1	1907.6	1894.3	0.37	0.85	1.08	-23.9	-41.8	-37.2	0.73		
5.00	71.67	1958.2	1944.3	1930.7	0.25	0.78	1.01	-24.0	-40.2	-40.9	0.30		
5.50	66.09	1993.2	1979.0	1965.1	0.23	0.78	1.06	-23.6	-38.6	-39.6	0.48		
6.00	58.76	2024.8	2010.2	1996.2	0.18	0.77	1.05	-24.2	-35.6	-37.6	1.32		