

Voltage Controlled Oscillator

ROS-ED11612/1

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			
1.0	19.11	1828.7	1823.1	1816.4	4.47	5.06	4.94	-28.8	-39.4	-45.9	0.08	1	-88
2.0	16.24	1846.1	1840.6	1834.1	4.45	5.16	5.02	-26.3	-39.8	-44.3	0.11	10	-112
3.0	15.18	1861.8	1856.3	1849.7	4.54	5.23	5.10	-24.1	-40.7	-43.8	0.13	100	-130
4.0	14.88	1876.9	1871.3	1864.7	4.61	5.33	5.18	-22.0	-41.7	-41.5	0.15	1000	-149
5.0	14.95	1891.9	1886.1	1879.5	4.66	5.41	5.29	-20.5	-43.1	-40.4	0.18		
6.0	15.20	1907.2	1901.2	1894.4	4.68	5.49	5.35	-19.1	-44.2	-38.9	0.23		
7.0	15.25	1922.6	1916.5	1909.5	4.70	5.50	5.37	-18.6	-44.0	-37.7	0.26		
8.0	14.80	1937.8	1931.6	1924.6	4.65	5.46	5.33	-17.9	-41.2	-36.4	0.25		
9.0	13.71	1952.1	1945.9	1939.0	4.58	5.37	5.24	-17.5	-39.0	-36.2	0.22		
10.0	12.10	1965.1	1958.9	1952.0	4.52	5.24	5.12	-17.4	-37.5	-36.8	0.20		
11.0	9.99	1976.2	1970.0	1963.0	4.31	5.07	4.92	-17.2	-35.8	-37.1	0.24		
12.0	8.07	1985.5	1979.1	1972.0	4.14	4.89	4.74	-16.8	-35.1	-37.5	0.32		