

Voltage Controlled Oscillator

ROS-ED9578/1

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			
0.5	22.16	1875.3	1867.8	1862.4	3.01	3.23	2.96	-23.0	-18.5	-31.9	1.13	1	-82
0.8	21.16	1880.5	1873.1	1867.7	2.99	3.23	2.94	-22.8	-18.3	-31.9	1.15	10	-106
1.0	20.62	1885.7	1878.2	1872.8	2.98	3.21	2.93	-22.7	-18.2	-32.6	1.18	100	-126
1.3	20.50	1890.8	1883.4	1877.9	2.96	3.20	2.91	-22.8	-18.0	-32.7	1.20	1000	-146
1.5	20.62	1896.0	1888.5	1882.9	2.95	3.18	2.89	-22.7	-17.8	-32.6	1.16		
1.8	20.76	1901.2	1893.7	1888.0	2.94	3.17	2.88	-22.7	-17.9	-32.9	1.19		
2.0	21.19	1906.5	1899.0	1893.3	2.93	3.16	2.86	-22.5	-17.8	-32.4	1.19		
2.3	21.52	1911.9	1904.4	1898.6	2.92	3.16	2.84	-22.3	-17.7	-32.2	1.19		
2.5	22.16	1917.5	1909.9	1904.0	2.92	3.15	2.83	-22.2	-17.5	-32.3	1.19		
2.8	22.70	1923.2	1915.6	1909.6	2.92	3.15	2.81	-21.9	-17.7	-31.9	1.17		
3.0	23.39	1929.1	1921.4	1915.4	2.93	3.15	2.81	-21.5	-17.6	-31.3	1.20		
3.3	23.97	1935.1	1927.4	1921.3	2.94	3.15	2.80	-21.2	-17.5	-31.1	1.14		
3.5	24.63	1941.3	1933.6	1927.4	2.94	3.16	2.79	-21.0	-17.6	-30.9	1.12		
3.8	25.10	1947.6	1939.9	1933.6	2.96	3.16	2.79	-20.6	-17.7	-30.3	1.12		
4.0	25.61	1954.0	1946.3	1940.0	2.97	3.16	2.79	-20.3	-17.5	-30.1	1.06		
4.3	26.01	1960.5	1952.8	1946.5	2.96	3.17	2.78	-19.9	-17.5	-29.6	1.04		
4.5	26.26	1967.0	1959.3	1953.0	2.95	3.15	2.77	-19.7	-17.6	-29.4	0.98		
4.8	26.35	1973.5	1965.9	1959.6	2.94	3.13	2.75	-19.3	-17.6	-28.9	0.92		
5.0	26.22	1980.0	1972.5	1966.2	2.92	3.11	2.72	-19.1	-17.6	-28.3	0.86		
5.3	26.38	1986.6	1979.1	1972.8	2.91	3.10	2.71	-18.7	-17.9	-28.2	0.81		
5.5	26.18	1993.0	1985.6	1979.3	2.90	3.07	2.67	-18.7	-18.0	-27.9	0.77		