

Voltage Controlled Oscillator

ROS-ED9254/1

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	11.02	1935.4	1929.5	1924.4	5.42	5.71	5.35	-19.6	-19.9	-28.3	0.88	1	-84
1.0	9.01	1939.6	1934.0	1928.9	5.42	5.70	5.33	-19.5	-20.3	-28.3	0.86	10	-107
1.5	7.90	1943.4	1938.0	1933.0	5.41	5.69	5.32	-19.3	-20.7	-28.3	0.86	100	-127
2.0	7.46	1947.0	1941.7	1936.7	5.42	5.68	5.31	-19.1	-20.7	-28.5	0.86	1000	-147
2.5	7.17	1950.5	1945.3	1940.2	5.39	5.66	5.29	-19.0	-20.6	-29.0	0.83		
3.0	6.99	1954.0	1948.8	1943.7	5.37	5.65	5.28	-18.9	-20.9	-28.8	0.86		
3.5	7.02	1957.4	1952.3	1947.2	5.38	5.64	5.26	-18.9	-21.0	-28.9	0.86		
4.0	7.08	1960.8	1955.8	1950.7	5.34	5.61	5.24	-18.8	-20.9	-28.9	0.88		
4.5	7.26	1964.4	1959.4	1954.3	5.30	5.58	5.21	-18.6	-21.3	-28.6	0.83		
5.0	7.45	1968.1	1963.2	1958.0	5.28	5.54	5.18	-18.4	-21.3	-28.7	0.78		
5.5	7.77	1972.0	1967.0	1961.8	5.30	5.52	5.16	-18.4	-21.0	-28.7	0.83		
6.0	8.16	1976.0	1971.1	1965.9	5.28	5.48	5.11	-18.4	-20.8	-28.3	0.83		