

Voltage Controlled Oscillator

ROS-ED10738/1

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			
2.0	24.50	1912.7	1902.3	1890.9	8.01	7.66	7.12	-27.9	-20.2	-34.4	0.74	1	-80
4.0	26.50	1964.3	1954.0	1942.2	8.20	7.84	7.29	-23.3	-23.3	-36.5	0.62	10	-105
6.0	23.75	2014.4	2004.4	1992.7	8.42	8.05	7.49	-21.1	-23.6	-36.2	0.46	100	-125
8.0	21.25	2059.3	2049.3	2037.5	8.68	8.24	7.63	-19.5	-22.9	-35.5	0.40	1000	-145
10.0	19.40	2100.0	2089.9	2077.9	8.74	8.37	7.77	-18.4	-22.2	-37.7	0.34		
12.0	17.80	2137.4	2127.1	2114.9	8.98	8.52	7.87	-18.2	-22.2	-37.7	0.32		
14.0	16.33	2171.8	2161.3	2148.8	9.03	8.62	7.95	-18.3	-22.7	-36.0	0.26		
16.0	14.71	2203.3	2192.3	2179.5	9.14	8.70	7.98	-18.8	-22.6	-34.8	0.26		