

Voltage Controlled Oscillator

ROS-ED11478/1

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	15.15	1962.0	1955.7	1950.2	4.99	5.20	5.08	-23.0	-42.2	-43.4	0.37	1	-85
2.0	16.25	1978.3	1971.3	1965.4	5.01	5.19	5.04	-20.9	-41.9	-41.2	0.39	10	-109
3.0	17.95	1995.8	1988.2	1981.7	4.99	5.14	4.99	-19.2	-41.1	-39.2	0.42	100	-129
4.0	17.67	2013.6	2005.7	1999.0	4.98	5.09	4.89	-18.0	-40.8	-36.8	0.44	1000	-149
5.0	17.04	2031.0	2022.9	2016.0	4.80	4.91	4.76	-17.4	-40.0	-35.3	0.48		
6.0	16.01	2047.5	2039.4	2032.2	4.62	4.73	4.58	-17.1	-39.3	-35.6	0.52		
7.0	15.15	2063.1	2055.0	2047.6	4.33	4.49	4.43	-16.7	-38.1	-35.5	0.57		
8.0	14.50	2078.1	2069.8	2062.0	4.11	4.27	4.29	-16.5	-37.6	-37.3	0.62		
9.0	13.74	2092.4	2083.9	2075.8	3.88	4.14	4.14	-16.1	-36.8	-37.4	0.65		
10.0	13.10	2106.1	2097.2	2089.0	3.69	4.01	4.03	-16.1	-36.1	-36.5	0.69		
11.0	12.47	2119.1	2110.0	2101.4	3.60	3.92	3.97	-15.8	-35.6	-37.3	0.71		
12.0	11.77	2131.4	2122.1	2113.3	3.63	3.92	3.94	-15.4	-35.4	-37.4	0.70		