

# Voltage Controlled Oscillator

ROS-ED11066/1

## 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	15.40	290.4	285.3	281.8	6.42	6.50	6.29	-14.9	-24.6	-31.4	0.35	1	-78
2.0	14.78	305.1	300.2	296.9	6.39	6.51	6.34	-17.1	-25.8	-32.7	0.33	10	-103
3.0	15.14	319.9	315.1	311.7	6.34	6.43	6.32	-19.5	-26.7	-33.8	0.43	100	-123
4.0	15.30	334.9	330.4	326.6	6.29	6.30	6.22	-22.0	-27.2	-34.1	0.23	1000	-143
5.0	14.57	350.7	345.4	341.9	6.15	6.48	6.32	-23.8	-27.8	-33.4	0.07		
6.0	15.80	365.9	360.6	357.5	5.82	6.11	5.89	-27.0	-29.1	-34.6	0.65		
7.0	14.94	380.4	376.0	372.6	5.36	5.37	5.25	-31.4	-30.0	-35.6	0.13		
8.0	14.57	395.8	390.6	387.6	4.66	4.83	4.55	-36.0	-30.6	-36.4	0.60		
9.0	15.24	409.5	405.7	402.5	4.70	4.37	4.11	-37.6	-30.7	-37.5	1.75		
10.0	14.11	424.4	420.5	416.5	3.85	3.70	3.64	-32.2	-30.1	-37.3	1.44		
11.0	12.66	439.3	433.9	429.1	2.98	3.33	3.56	-31.1	-29.3	-35.6	0.87		
12.0	11.17	452.7	445.9	440.5	2.50	3.12	3.42	-32.3	-29.3	-34.5	0.43		

