

Voltage Controlled Oscillator

ROS-EDR4134

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	18.60	791.2	785.6	780.4	0.23	1.93	1.77	-9.2	-13.4	-19.7	0.38	1	-80
1.0	16.50	798.9	793.9	789.0	0.60	1.85	1.33	-8.8	-13.3	-19.3	0.32	10	-103
1.5	15.10	806.3	801.4	796.1	0.79	2.11	1.70	-9.2	-14.4	-19.9	0.38	100	-122
2.0	14.10	813.7	808.5	803.4	0.99	2.33	1.90	-9.9	-14.8	-19.9	0.32	1000	-140
2.5	15.10	822.1	816.0	811.1	0.49	2.52	1.98	-10.3	-16.0	-20.6	0.32		
3.0	18.40	830.1	825.2	819.7	0.66	1.85	1.96	-10.1	-16.0	-20.1	0.13		
3.5	15.90	838.5	833.2	829.3	0.88	2.17	1.43	-10.4	-16.8	-21.3	0.19		
4.0	17.90	847.7	842.1	838.2	0.93	2.26	1.60	-11.0	-18.0	-22.0	0.38		
4.5	18.80	857.6	851.5	847.0	0.99	2.20	1.68	-11.6	-18.6	-24.5	0.45		
5.0	18.80	868.4	860.9	855.8	0.29	2.19	1.77	-12.1	-20.3	-25.5	0.58		