

Voltage Controlled Oscillator

ROS-EDR4318

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	51.80	1558.5	1543.2	1529.9	9.20	9.02	7.85	-13.1	-24.3	-35.5	1.02	1	-67
1.0	50.90	1586.0	1568.6	1552.6	9.09	8.77	7.94	-13.4	-23.7	-35.7	1.41	10	-90
1.5	54.50	1614.2	1595.9	1578.3	9.09	8.59	7.68	-12.2	-22.7	-33.2	1.60	100	-113
2.0	52.50	1637.7	1622.1	1607.4	9.26	8.80	7.58	-12.4	-22.1	-32.2	1.15	1000	-134
2.5	51.20	1663.9	1647.7	1632.6	9.05	8.81	7.84	-11.8	-21.6	-30.1	1.02		
3.0	57.10	1693.4	1676.3	1659.8	8.94	8.53	7.83	-12.1	-21.0	-30.6	1.41		
3.5	64.40	1728.8	1708.5	1692.4	8.61	8.33	7.63	-11.6	-20.6	-29.4	1.86		
4.0	78.10	1766.1	1747.5	1730.6	8.52	8.23	7.28	-11.3	-20.5	-29.2	1.66		
4.5	83.50	1810.6	1789.3	1772.0	8.09	7.85	7.20	-12.3	-20.6	-29.0	1.22		
5.0	102.70	1858.7	1840.6	1820.9	7.91	7.39	6.70	-11.7	-20.5	-27.3	1.34		