

Voltage Controlled Oscillator

ROS-EDR4298

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	34.80	1535.1	1530.1	1523.1	0.46	0.14	-0.01	-19.7	-24.2	-33.7	0.26	1	-73
1.0	30.20	1550.6	1545.2	1538.1	0.52	0.55	0.38	-20.2	-23.3	-32.7	0.26	10	-105
1.5	30.70	1566.7	1560.6	1552.8	0.17	0.39	0.57	-21.0	-22.8	-32.0	0.26	100	-125
2.0	31.20	1582.3	1576.2	1568.3	0.70	0.81	0.42	-21.3	-22.6	-30.6	0.32	1000	-145
2.5	30.80	1598.7	1591.6	1583.2	0.75	1.17	1.01	-21.4	-21.3	-29.4	0.26		
3.0	32.50	1615.2	1607.9	1598.5	1.13	0.87	1.17	-20.5	-20.0	-27.6	0.26		
3.5	31.40	1630.5	1623.6	1614.3	1.59	1.50	1.30	-20.4	-20.3	-27.8	0.32		
4.0	32.50	1647.6	1639.8	1629.6	1.24	1.50	1.73	-21.1	-19.4	-26.3	0.32		
4.5	32.60	1663.9	1656.1	1645.7	1.74	1.86	1.56	-21.6	-19.6	-25.3	0.19		
5.0	30.50	1679.6	1671.4	1660.3	1.90	2.28	2.13	-22.7	-19.7	-24.1	0.26		