

Voltage Controlled Oscillator

ROS-EDR4574

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	58.40	1537.5	1524.6	1517.1	2.98	2.48	1.87	-29.4	-19.5	-22.1	-0.83	1	-73
1.0	49.40	1561.9	1549.3	1541.4	2.75	2.62	1.77	-29.7	-18.3	-22.0	-0.38	10	-98
1.5	49.20	1586.4	1573.9	1565.9	2.41	2.60	2.09	-28.5	-17.6	-22.0	-0.38	100	-117
2.0	48.00	1610.4	1597.9	1590.3	2.31	2.47	1.82	-27.2	-18.3	-21.5	-0.64	1000	-139
2.5	45.30	1632.8	1620.5	1612.8	2.91	2.31	1.47	-26.7	-21.1	-20.9	-1.22		
3.0	41.60	1654.2	1641.3	1634.3	2.77	2.19	1.72	-26.1	-22.5	-20.7	-1.79		
3.5	39.40	1673.2	1661.1	1654.6	1.85	2.03	1.83	-25.4	-23.6	-20.7	-2.30		
4.0	35.70	1691.2	1678.9	1672.1	1.14	1.90	1.57	-23.9	-24.0	-20.7	-2.50		
4.5	30.50	1706.9	1694.1	1687.3	1.34	1.73	1.25	-24.1	-23.3	-20.9	-2.56		
5.0	24.80	1719.7	1706.6	1699.8	1.73	1.64	1.15	-23.5	-23.9	-21.1	-2.24		
5.5	18.90	1728.7	1716.0	1708.9	1.80	1.58	1.14	-23.1	-24.8	-21.1	-1.60		
6.0	12.80	1734.5	1722.4	1715.2	1.71	1.53	1.19	-22.9	-25.4	-21.4	-1.02		
6.5	8.70	1738.2	1726.8	1719.5	1.57	1.50	1.22	-22.8	-25.6	-21.5	-0.58		
7.0	5.90	1740.8	1729.7	1722.6	1.43	1.47	1.21	-22.8	-25.9	-21.6	-0.38		