

Voltage Controlled Oscillator

ROS-EDR4347

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	28.40	1434.6	1429.4	1425.5	1.39	1.22	1.18	-15.1	-31.6	-26.0	1.22	1	-81
1.0	26.00	1447.9	1442.4	1438.4	1.60	1.53	1.38	-14.4	-30.8	-25.6	0.96	10	-107
1.5	25.20	1460.9	1455.0	1451.6	1.44	1.16	1.13	-14.6	-27.9	-24.9	1.15	100	-127
2.0	26.20	1473.5	1468.1	1463.8	1.83	1.55	1.53	-14.8	-27.8	-24.8	0.83	1000	-150
2.5	26.40	1486.9	1481.3	1477.0	1.80	1.59	1.58	-15.7	-24.8	-26.2	1.09		
3.0	28.00	1501.5	1495.3	1491.9	1.56	1.74	1.39	-15.6	-21.1	-27.1	0.90		
3.5	31.00	1516.7	1510.8	1505.6	1.58	0.98	1.67	-15.9	-18.7	-28.6	0.90		
4.0	28.20	1530.9	1524.9	1520.0	1.31	1.47	1.61	-16.7	-17.7	-28.9	0.83		
4.5	30.20	1547.1	1540.0	1535.3	1.18	1.61	1.44	-18.2	-16.3	-29.5	1.09		
5.0	28.80	1561.6	1554.4	1549.2	1.54	1.62	1.74	-18.7	-17.2	-29.7	1.28		