

Voltage Controlled Oscillator

ROS-EDR4420

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			
1.0	11.30	1373.4	1364.6	1354.6	1.96	1.22	1.23	-28.7	-25.7	-38.0	-0.96	1	-82
2.0	7.20	1381.0	1371.8	1363.5	2.06	1.59	0.77	-29.2	-25.5	-38.4	-0.90	10	-105
3.0	6.70	1387.9	1378.6	1370.1	2.08	1.76	1.04	-29.0	-26.4	-38.2	-0.90	100	-127
4.0	6.60	1395.0	1385.2	1376.3	1.97	1.85	1.27	-28.3	-25.5	-37.6	-0.90	1000	-145
5.0	6.80	1402.6	1391.9	1382.8	1.80	1.84	1.38	-28.3	-24.9	-37.3	-0.90		
6.0	7.80	1409.2	1399.7	1389.6	2.06	1.54	1.43	-27.6	-23.8	-35.8	-1.02		
7.0	7.40	1416.4	1407.1	1397.3	2.16	1.70	1.28	-26.3	-24.0	-35.3	-0.90		
8.0	7.50	1424.2	1414.6	1405.9	2.24	1.94	1.14	-26.9	-23.0	-35.0	-0.83		
9.0	8.20	1432.8	1422.8	1413.5	2.17	2.04	1.47	-26.3	-23.3	-34.3	-0.90		
10.0	8.90	1443.1	1431.7	1422.0	1.80	2.01	1.59	-26.1	-23.9	-33.8	-0.90		
11.0	9.90	1452.2	1441.6	1430.9	2.00	1.66	1.58	-25.9	-21.9	-32.4	-1.15		
12.0	9.90	1460.9	1451.5	1440.5	2.09	1.56	1.35	-25.2	-21.2	-31.7	-0.83		
13.0	7.90	1469.4	1459.4	1450.3	2.01	1.78	1.04	-25.5	-20.5	-30.7	-0.96		
14.0	7.80	1478.5	1467.2	1457.3	1.67	1.77	1.31	-25.5	-20.7	-29.4	-0.96		
15.0	7.50	1486.6	1474.7	1464.1	1.65	1.59	1.36	-25.2	-20.9	-29.0	-1.02		