

Voltage Controlled Oscillator

ROS-EDR4266

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			
2.0	18.80	1130.5	1123.1	1110.5	14.45	14.46	14.18	-16.4	-24.2	-30.7	2.88	1	-71
3.0	23.20	1157.3	1146.3	1133.3	14.65	14.57	14.31	-15.8	-28.0	-30.7	2.94	10	-98
4.0	30.30	1188.4	1176.6	1163.1	15.06	14.90	14.51	-14.5	-33.5	-28.8	2.82	100	-115
5.0	30.50	1217.3	1207.1	1193.8	15.20	15.18	14.72	-14.4	-36.1	-28.6	2.37	1000	-139
6.0	38.10	1259.4	1245.2	1225.8	15.30	15.14	14.80	-13.4	-29.2	-29.1	3.07		
7.0	39.50	1300.0	1284.7	1267.5	15.70	15.38	14.85	-12.8	-25.2	-26.7	2.11		
8.0	34.00	1334.1	1318.7	1303.6	15.64	15.50	14.95	-12.1	-22.6	-25.6	1.98		
9.0	44.90	1382.7	1363.7	1339.5	15.67	15.21	14.77	-11.3	-22.2	-25.5	2.75		
10.0	41.00	1419.8	1404.6	1386.1	15.90	15.30	14.63	-11.6	-19.9	-25.2	1.54		
11.0	35.00	1460.9	1439.6	1421.4	15.62	15.13	14.63	-11.4	-18.6	-26.6	1.92		
12.0	44.20	1501.9	1483.8	1461.4	15.50	15.01	14.35	-10.9	-18.1	-26.3	1.60		
13.0	35.60	1534.2	1519.4	1501.1	15.49	14.99	14.24	-11.8	-16.6	-23.9	1.15		
14.0	29.90	1568.6	1549.3	1533.4	15.18	14.72	14.22	-12.3	-15.5	-23.8	1.09		
15.0	35.70	1602.8	1585.0	1565.1	14.84	14.50	13.88	-11.8	-15.8	-24.4	1.22		
16.0	31.40	1631.3	1616.4	1599.0	14.80	14.20	13.59	-12.8	-15.5	-24.0	0.90		
17.0	26.40	1658.4	1642.8	1627.1	14.49	14.09	13.44	-13.0	-15.2	-22.7	0.77		
18.0	26.40	1686.0	1669.3	1652.7	14.29	13.78	13.31	-13.7	-15.1	-22.2	0.64		
19.0	25.30	1710.6	1694.5	1678.0	14.02	13.63	13.04	-13.9	-15.2	-21.7	0.45		
20.0	23.80	1734.5	1718.3	1700.7	13.88	13.36	12.96	-14.8	-14.8	-21.1	0.38		