

Voltage Controlled Oscillator

ROS-EDR4667

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	98.40	803.9	787.6	768.6	4.45	4.58	3.62	-22.5	-29.4	-55.8	0.51	1	-73
2.0	98.50	903.6	886.1	868.2	4.19	4.44	3.56	-17.9	-34.6	-56.8	0.64	10	-98
3.0	101.20	1005.0	987.3	968.7	4.24	4.38	3.64	-15.3	-41.3	-53.5	0.64	100	-120
4.0	99.60	1104.4	1087.0	1069.7	4.13	4.23	3.48	-13.9	-48.3	-50.6	0.70	1000	-142
5.0	94.80	1198.5	1181.8	1164.7	4.03	3.89	3.44	-14.9	-47.7	-48.4	0.77		
6.0	86.20	1284.2	1268.0	1250.5	3.87	3.79	3.52	-16.9	-42.2	-46.5	0.77		
7.0	76.20	1360.0	1344.3	1327.1	3.91	3.96	3.74	-20.1	-39.7	-48.0	0.77		
8.0	69.20	1427.0	1413.4	1396.5	4.17	3.78	3.62	-23.4	-40.0	-47.1	0.70		
9.0	62.50	1489.9	1475.9	1460.7	4.35	4.02	3.50	-27.8	-40.0	-44.2	0.45		
10.0	58.50	1548.3	1534.4	1520.1	4.29	4.11	3.52	-30.5	-40.9	-44.2	0.38		
11.0	56.00	1603.5	1590.4	1576.2	4.21	3.94	3.42	-33.0	-40.9	-44.3	0.26		
12.0	52.00	1656.5	1642.4	1628.4	3.94	3.91	3.36	-35.9	-41.7	-46.4	0.32		
13.0	49.50	1705.2	1691.9	1680.3	3.77	3.82	3.17	-37.7	-42.4	-46.7	0.26		
14.0	49.50	1754.7	1741.4	1730.8	3.50	3.53	2.91	-40.5	-43.3	-47.0	0.38		
15.0	48.90	1803.3	1790.3	1777.5	3.02	3.21	2.67	-40.9	-45.7	-47.3	0.32		
16.0	47.20	1850.9	1837.5	1825.1	2.68	2.99	2.39	-39.5	-52.8	-49.9	0.32		
17.0	46.00	1897.2	1883.5	1872.2	2.71	2.74	2.03	-38.7	-46.6	-52.5	0.38		