

Voltage Controlled Oscillator

ROS-ED9660/1

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	7.89	1357.7	1355.3	1351.5	9.86	9.36	9.02	-28.9	-22.7	-40.2	0.09	1	-83
2.0	6.01	1363.8	1361.3	1357.4	9.95	9.45	9.16	-29.4	-22.9	-40.0	0.12	10	-108
3.0	5.53	1369.4	1366.8	1362.8	10.05	9.57	9.26	-29.7	-23.4	-40.2	0.14	100	-128
4.0	5.50	1375.1	1372.3	1368.1	10.10	9.68	9.37	-29.8	-23.9	-40.4	0.16	1000	-148
5.0	5.77	1381.0	1378.1	1373.7	10.14	9.78	9.43	-29.9	-24.1	-39.8	0.17		
6.0	6.25	1387.4	1384.4	1379.8	10.19	9.85	9.48	-29.8	-24.7	-40.5	0.19		
7.0	6.96	1394.6	1391.3	1383.5	10.29	9.89	9.53	-29.5	-25.1	-39.9	0.21		
8.0	7.81	1402.6	1399.1	1394.1	10.40	9.99	9.61	-29.3	-26.0	-40.7	0.23		
9.0	8.61	1411.4	1407.7	1402.5	10.48	10.11	9.70	-28.9	-26.5	-40.1	0.23		
10.0	9.06	1420.7	1416.8	1411.4	10.55	10.17	9.75	-28.1	-27.4	-39.9	0.24		
11.0	9.09	1429.9	1425.9	1420.3	10.59	10.21	9.82	-27.8	-28.2	-39.8	0.23		
12.0	8.71	1438.8	1434.6	1428.9	10.51	10.22	9.85	-27.4	-29.4	-39.0	0.24		
13.0	8.15	1447.1	1442.8	1436.9	10.47	10.13	9.81	-27.2	-30.1	-39.5	0.26		
14.0	7.53	1454.7	1450.3	1444.3	10.27	10.06	9.71	-27.1	-30.5	-39.1	0.28		
15.0	6.93	1461.7	1457.2	1451.1	10.25	9.90	9.63	-26.9	-31.3	-39.7	0.30		
16.0	6.40	1468.1	1463.6	1457.4	10.11	9.82	9.45	-26.8	-31.6	-39.7	0.32		
17.0	5.96	1474.2	1469.6	1463.3	10.02	9.74	9.37	-26.5	-32.2	-40.2	0.33		
18.0	5.57	1479.8	1475.1	1468.7	9.93	9.65	9.28	-26.2	-32.6	-41.0	0.35		
19.0	5.26	1485.1	1480.4	1473.9	9.83	9.56	9.18	-26.0	-33.2	-41.5	0.37		
20.0	4.95	1490.1	1485.4	1478.8	9.73	9.47	9.09	-26.7	-33.6	-42.8	0.37		