

Voltage Controlled Oscillator

ROS-ED9531/1

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	35.74	835.4	831.9	824.0	6.49	7.98	8.22	-14.3	-27.2	-50.0	5.32	1	-73
2.0	61.14	892.0	885.8	875.6	6.97	8.19	8.46	-13.0	-28.8	-53.3	4.77	10	-98
3.0	81.62	970.3	961.3	951.4	7.50	8.89	8.71	-13.3	-31.3	-46.2	3.36	100	-118
4.0	93.49	1063.2	1052.7	1042.7	6.37	7.62	7.45	-14.2	-35.2	-51.2	2.25	1000	-138
5.0	93.05	1158.1	1146.5	1136.6	5.20	6.91	6.91	-15.6	-42.8	-52.7	1.44		
6.0	85.94	1246.6	1234.5	1224.6	4.90	6.43	6.37	-16.5	-35.5	-50.0	0.99		
7.0	76.74	1325.7	1313.7	1304.1	4.56	6.42	6.49	-17.0	-30.6	-41.2	0.43		
8.0	69.17	1396.7	1384.7	1375.4	4.77	6.37	6.30	-17.8	-35.7	-35.8	0.37		
9.0	61.81	1460.6	1448.4	1439.6	5.14	6.87	6.85	-19.2	-43.9	-31.2	1.55		
10.0	56.60	1518.3	1506.4	1497.8	5.15	6.57	6.57	-22.0	-45.2	-30.4	3.02		
11.0	52.31	1571.7	1559.5	1551.1	5.85	7.13	6.90	-25.3	-42.0	-29.6	4.51		
12.0	47.98	1620.6	1608.6	1600.8	6.36	7.67	7.28	-28.3	-40.5	-32.8	6.20		
13.0	46.32	1667.1	1655.4	1647.2	6.19	7.28	7.15	-33.6	-37.2	-36.3	6.41		
14.0	42.84	1711.0	1699.1	1691.2	6.58	7.27	6.93	-36.2	-34.4	-37.1	6.71		
15.0	41.80	1753.2	1741.3	1733.0	7.02	7.76	7.31	-36.8	-33.0	-39.5	6.45		