

Voltage Controlled Oscillator

ROS-ED7613/1

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	41.20	1519.0	1502.3	1488.8	8.29	8.15	7.82	-15.7	-41.3	-37.0	1.96	1	-75
2.0	31.00	1549.4	1533.3	1520.3	8.25	8.39	7.79	-16.0	-40.5	-36.2	2.09	10	-100
3.0	27.60	1576.2	1560.9	1548.2	8.07	8.18	7.77	-16.2	-38.7	-35.7	2.09	100	-120
4.0	25.90	1601.6	1586.8	1574.5	8.13	8.11	7.60	-16.5	-39.0	-36.2	2.08	1000	-140
5.0	25.30	1626.7	1612.1	1600.1	8.04	8.17	7.65	-17.0	-38.3	-35.8	2.02		
6.0	25.50	1652.1	1637.6	1625.9	7.64	7.90	7.58	-17.0	-38.0	-37.0	1.97		
7.0	26.30	1677.9	1663.9	1652.5	7.84	7.78	7.20	-17.5	-37.2	-37.8	1.87		
8.0	27.00	1704.5	1690.9	1679.9	7.51	7.80	7.42	-18.0	-36.3	-38.0	1.58		
9.0	28.40	1732.8	1719.3	1708.7	7.11	7.35	7.05	-19.8	-37.0	-38.5	1.38		
10.0	30.20	1762.5	1749.5	1739.2	6.92	6.67	6.75	-20.5	-34.8	-38.3	1.14		
11.0	31.90	1794.0	1781.4	1771.5	6.39	6.56	6.62	-22.3	-35.2	-39.2	0.79		
12.0	33.50	1827.8	1814.9	1804.8	6.29	6.20	6.21	-25.8	-34.3	-41.3	0.77		
13.0	33.50	1861.5	1848.4	1838.0	5.93	6.68	6.11	-31.3	-36.0	-43.8	0.79		
14.0	31.30	1892.9	1879.7	1869.2	5.78	6.41	5.73	-36.2	-35.2	-45.2	0.74		
15.0	28.50	1921.7	1908.1	1897.6	5.64	6.34	5.64	-40.3	-34.8	-45.0	0.70		