

Voltage Controlled Oscillator

ROS-ED12864/1

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			
0.0	17.17	1600.9	1595.4	1591.3	2.26	2.90	2.53	-22.81	-36.86	-36.11	0.52	1	-83
0.5	16.47	1609.3	1603.7	1599.5	2.36	2.97	2.60	-22.49	-36.04	-35.99	0.68	10	-109
1.0	18.12	1618.0	1612.3	1607.8	2.43	3.01	2.60	-22.53	-34.86	-36.15	0.89	100	-129
1.5	21.52	1628.2	1622.0	1617.3	2.46	2.98	2.57	-22.63	-33.83	-37.23	1.22	1000	-149
2.0	25.48	1640.3	1633.7	1628.5	2.31	2.85	2.47	-23.19	-32.32	-39.95	1.54		
2.5	28.13	1654.0	1647.2	1641.6	1.99	2.65	2.33	-24.34	-31.64	-43.86	1.58		
3.0	28.05	1668.2	1661.3	1655.6	1.75	2.51	2.27	-25.12	-31.15	-43.60	1.26		
3.5	25.01	1681.6	1674.8	1669.2	1.75	2.52	2.32	-25.64	-31.38	-41.26	0.70		
4.0	20.23	1692.8	1686.2	1680.9	1.99	2.67	2.43	-25.25	-30.41	-40.20	0.14		
4.5	15.45	1701.5	1695.2	1690.3	2.35	2.87	2.57	-24.63	-29.13	-38.75	0.20		
5.0	11.52	1707.9	1702.0	1697.3	2.78	3.07	2.72	-23.60	-27.21	-37.89	0.28		
5.5	8.31	1712.7	1707.1	1702.5	3.24	3.26	2.88	-22.23	-25.84	-36.79	0.15		
6.0	5.76	1716.1	1710.8	1706.1	3.62	3.43	3.02	-20.87	-25.05	-35.33	0.08		