

Voltage Controlled Oscillator

ROS-ED8764/2

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			
0.5	21.34	1714.5	1706.1	1698.4	2.73	3.76	3.89	-38.0	-22.7	-42.7	0.12	1	-85
1.0	17.40	1723.0	1714.8	1707.2	2.85	3.89	4.15	-37.3	-24.3	-40.8	0.12	10	-110
1.5	15.42	1730.6	1722.5	1714.9	2.93	4.10	4.26	-36.3	-25.7	-40.7	0.14	100	-130
2.0	14.36	1737.8	1729.7	1722.0	3.06	4.20	4.36	-35.5	-26.8	-40.7	0.19	1000	-148
2.5	13.70	1744.7	1736.5	1728.8	3.17	4.29	4.46	-34.8	-28.0	-40.8	0.21		
3.0	13.30	1751.4	1743.2	1735.4	3.28	4.39	4.53	-34.5	-29.2	-40.3	0.19		
3.5	13.09	1758.0	1749.7	1741.8	3.40	4.49	4.62	-33.8	-29.7	-39.8	0.19		
4.0	13.00	1764.6	1756.2	1748.1	3.51	4.60	4.72	-33.3	-30.7	-39.8	0.15		
4.5	12.94	1771.2	1762.7	1754.5	3.63	4.70	4.82	-33.0	-31.3	-38.8	0.19		
5.0	13.06	1777.8	1769.2	1760.9	3.73	4.81	4.93	-32.7	-32.3	-39.2	0.19		
5.5	13.11	1784.5	1775.8	1767.3	3.83	4.92	5.04	-32.2	-33.2	-38.7	0.13		
6.0	13.06	1791.2	1782.3	1773.7	3.95	5.02	5.12	-31.7	-33.5	-39.0	0.09		