

Voltage Controlled Oscillator

ROS-EDR4615

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	41.60	1697.1	1686.7	1675.9	4.13	4.65	3.77	-13.3	-46.6	-31.3	0.19	1	-79
1.0	34.70	1716.5	1704.0	1693.3	4.05	4.63	3.74	-13.8	-47.4	-32.1	0.32	10	-99
1.5	37.10	1734.1	1722.6	1712.1	4.06	4.41	3.63	-14.6	-48.8	-32.9	0.58	100	-119
2.0	38.50	1753.4	1741.8	1732.0	3.68	4.28	3.53	-14.3	-48.9	-32.8	0.58	1000	-141
2.5	39.60	1773.3	1761.6	1752.0	3.46	4.24	3.50	-14.2	-48.0	-33.9	0.51		
3.0	39.70	1794.1	1781.4	1771.6	3.27	4.19	3.25	-14.5	-49.1	-33.5	0.19		
3.5	37.20	1812.6	1800.1	1790.4	2.82	4.00	3.35	-15.0	-49.2	-34.1	-0.32		
4.0	32.30	1828.9	1816.2	1807.2	2.87	3.76	3.05	-15.4	-51.1	-34.4	-0.58		
4.5	26.20	1842.0	1829.3	1820.0	2.65	3.57	2.95	-15.7	-51.4	-34.3	-0.58		
5.0	19.70	1851.4	1839.2	1829.6	2.52	3.44	3.01	-15.7	-51.3	-35.0	-0.19		