

# Voltage Controlled Oscillator

ROS-ED8412/2

## 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	44.09	1798.6	1786.1	1774.2	0.26	0.50	0.49	-16.0	-29.6	-34.6	0.59	1	-79
1.0	32.00	1814.2	1802.1	1790.0	0.46	0.67	0.61	-16.2	-28.2	-34.3	1.27	10	-103
1.5	27.31	1827.7	1815.7	1803.4	0.59	0.81	0.71	-16.4	-26.8	-33.9	1.61	100	-125
2.0	24.55	1839.9	1828.0	1815.4	0.66	0.91	0.80	-16.6	-25.5	-33.5	1.83	1000	-145
2.5	22.83	1851.2	1839.4	1826.6	0.68	0.98	0.86	-16.6	-24.5	-33.7	1.95		
3.0	21.54	1861.8	1850.2	1837.2	0.65	1.02	0.91	-16.7	-23.5	-34.0	2.02		
3.5	20.23	1871.7	1860.3	1847.1	0.57	1.05	0.94	-16.9	-22.4	-33.5	1.95		
4.0	18.66	1880.9	1869.7	1856.4	0.47	1.04	0.96	-16.8	-21.8	-33.3	1.84		
4.5	16.83	1889.0	1878.1	1864.6	0.36	1.01	0.98	-17.0	-21.2	-33.5	1.75		
5.0	14.52	1896.1	1885.3	1871.8	0.23	0.95	0.97	-17.1	-20.9	-34.1	1.66		

