

Voltage Controlled Oscillator

ROS-ED8130A/3

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	48.10	1721.7	1713.1	1703.2	2.34	2.70	2.71	-40.3	-28.6	-42.4	0.16	1	-66
1.0	42.80	1743.4	1734.5	1724.4	2.57	2.94	2.98	-42.6	-30.1	-41.3	0.00	10	-90
1.5	41.80	1764.6	1755.4	1745.0	2.70	3.10	3.16	-40.6	-33.6	-41.2	0.04	100	-113
2.0	41.90	1785.9	1776.4	1765.6	2.90	3.29	3.32	-38.6	-38.2	-41.1	0.07	1000	-135
2.5	41.50	1806.7	1797.1	1786.2	3.13	3.54	3.55	-37.1	-44.7	-41.1	0.38		
3.0	39.40	1826.2	1816.8	1805.9	3.42	3.81	3.82	-37.0	-54.7	-41.4	0.77		
3.5	35.00	1843.3	1834.3	1823.6	3.75	4.14	4.19	-36.6	-44.6	-41.5	1.15		
4.0	29.30	1857.6	1848.9	1838.5	4.04	4.45	4.51	-36.5	-41.0	-40.7	1.34		
4.5	23.80	1869.3	1860.8	1850.5	4.40	4.77	4.77	-36.4	-40.3	-40.6	1.41		
5.0	19.00	1878.8	1870.3	1860.0	4.71	5.05	5.02	-35.9	-40.9	-41.4	1.29		
5.5	15.20	1886.5	1877.9	1867.3	5.00	5.29	5.24	-35.5	-42.0	-40.2	1.01		
6.0	11.90	1892.9	1883.8	1872.7	5.29	5.50	5.37	-35.1	-43.5	-40.6	0.58		