

Voltage Controlled Oscillator

ROS-ED8130D/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			
1.0	33.34	1613.2	1589.0	1568.4	11.66	11.37	10.69	-11.7	-35.0	-34.2	6.25	1	-75
2.0	24.10	1636.4	1613.1	1593.8	11.51	11.24	10.69	-12.0	-34.3	-32.7	5.93	10	-100
3.0	21.47	1656.6	1634.6	1616.1	11.20	10.98	10.54	-12.3	-34.0	-31.7	5.56	100	-120
4.0	20.64	1676.0	1655.2	1637.6	11.01	10.64	10.16	-12.5	-34.3	-31.0	5.01	1000	-140
5.0	20.75	1695.7	1675.9	1659.1	10.87	10.41	9.75	-12.8	-34.3	-31.0	4.47		
6.0	21.39	1715.7	1697.3	1681.1	10.68	10.28	9.64	-13.3	-34.8	-31.3	3.86		
7.0	22.68	1737.2	1720.0	1704.1	10.40	10.19	9.60	-13.3	-36.3	-31.8	3.45		
8.0	24.26	1761.0	1744.3	1728.6	10.22	10.00	9.48	-13.7	-37.2	-32.5	3.17		
9.0	25.99	1786.6	1770.3	1754.8	9.66	9.38	9.18	-13.7	-38.8	-33.0	2.79		
10.0	27.63	1814.1	1797.9	1782.6	8.70	8.88	8.73	-14.0	-40.8	-33.7	2.34		
11.0	29.22	1843.3	1827.1	1811.9	8.18	8.07	7.88	-14.0	-43.3	-35.2	1.78		
12.0	30.23	1873.5	1857.3	1842.1	7.65	7.60	7.21	-14.8	-45.2	-36.8	1.18		