

Voltage Controlled Oscillator

ROS-ED6220/2

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			
0.3	52.20	1608.0	1608.2	1599.9	2.49	3.70	5.00	-34.9	-34.6		0.79	1	-79
0.5	45.40	1619.1	1619.5	1611.7	2.71	3.95	5.25	-36.2	-34.5			10	-104
0.8	41.10	1629.1	1629.8	1622.2	2.92	4.16	5.46	-36.4	-34.7			100	-125
1.0	38.00	1638.5	1639.3	1631.9	3.04	4.29	5.64	-36.0	-35.0			1000	-141
1.3	35.90	1647.4	1648.2	1640.9	2.95	4.21	5.73	-35.9	-35.0				
1.5	34.30	1655.9	1656.8	1649.6	3.15	4.48	5.66	-35.5	-35.0		1.60		
1.8	32.80	1664.1	1665.0	1657.9	3.33	4.61	5.92	-34.9	-34.8				
2.0	31.70	1672.0	1673.0	1665.8	3.52	4.82	6.04	-34.3	-35.2				
2.3	30.90	1679.7	1680.7	1673.5	3.73	5.10	6.22	-34.4	-35.6				
2.5	30.20	1687.3	1688.2	1681.0	4.01	5.38	6.48	-34.3	-36.2				
2.8	29.50	1694.7	1695.6	1688.3	4.26	5.63	6.73	-34.2	-36.4		2.02		
3.0	28.90	1702.0	1702.9	1695.4	4.47	5.84	6.97	-34.3	-36.3				
3.3	28.50	1709.2	1710.0	1702.4	4.68	6.01	7.13	-34.1	-36.4				
3.5	27.90	1716.2	1716.9	1709.3	4.69	6.03	7.29	-33.5	-36.5				
3.8	27.40	1723.1	1723.8	1716.0	4.75	6.09	7.28	-32.9	-37.3				
4.0	26.70	1729.9	1730.5	1722.5	4.86	6.17	7.31	-32.4	-37.6		1.76		
4.3	25.80	1736.5	1736.9	1728.9	4.89	6.21	7.37	-31.6	-38.0				
4.5	24.60	1742.9	1743.0	1735.0	4.93	6.25	7.32	-31.2	-38.5				
4.8	23.40	1748.9	1748.9	1740.9	5.05	6.31	7.31	-30.9	-38.7				
5.0	22.00	1754.5	1754.4	1746.6	5.16	6.38	7.35	-30.8	-39.9				
5.3	21.00	1759.7	1759.6	1752.0	5.27	6.44	7.39	-30.5	-39.6		0.79		
5.5	20.30	1764.6	1764.7	1757.0	5.40	6.54	7.50	-30.6	-39.6				
5.8	19.30	1769.1	1769.5	1761.8	5.17	6.35	7.60	-30.3	-39.7				
6.0	18.20	1773.2	1774.1	1766.1	5.18	6.52	7.44	-29.5	-37.3				