

Voltage Controlled Oscillator

ROS-ED6756/2

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	23.70	1492.4	1486.0	1475.8	-2.92	-1.37	-0.38	-22.7	-26.5	-35.9	1.32	1	-77
1.0	20.70	1502.6	1496.3	1486.1	-3.06	-1.51	-0.22	-21.5	-26.2	-35.4		10	-104
1.5	20.00	1512.6	1506.3	1495.9	-2.96	-1.41	-0.40	-20.8	-25.1	-34.5		100	-125
2.0	20.70	1523.1	1516.7	1505.9	-2.91	-1.40	-0.32	-20.2	-24.9	-33.7	1.48	1000	-140
2.5	22.40	1534.6	1527.9	1516.8	-2.59	-1.12	-0.26	-19.5	-24.3	-32.8	1.60		
3.0	24.90	1547.4	1540.3	1528.8	-2.49	-0.93	0.06	-18.7	-23.9	-31.9			
3.5	27.10	1561.3	1553.9	1541.9	-2.15	-0.72	0.35	-17.8	-23.7	-30.3			
4.0	27.90	1575.4	1567.8	1555.5	-2.23	-0.60	0.66	-17.7	-23.2	-29.0	1.38		
4.5	27.00	1589.0	1581.3	1568.7	-1.85	-0.50	0.59	-17.2	-23.0	-27.9	1.00		
5.0	25.20	1601.6	1593.9	1581.1	-1.65	-0.05	0.73	-16.4	-22.8	-26.4			
5.5	23.10	1613.1	1605.4	1592.5	-1.47	0.03	1.06	-15.9	-22.9	-25.4			
6.0	21.10	1623.6	1616.0	1602.9	-1.38	0.12	1.19	-15.4	-23.1	-24.3	0.74		
6.5	19.30	1633.2	1625.6	1612.3	-1.33	0.21	1.36	-14.9	-22.8	-23.3	0.76		
7.0	17.70	1642.0	1634.5	1621.1	-1.41	0.32	1.43	-14.6	-23.1	-22.4			
7.5	16.20	1650.2	1642.6	1629.0	-1.31	0.32	1.47	-14.2	-23.2	-21.7			
8.0	14.80	1657.6	1650.0	1636.2	-1.28	0.37	1.43	-14.0	-23.7	-20.8	0.66		
8.5	13.50	1664.4	1656.7	1642.8	-1.11	0.38	1.56	-13.6	-23.6	-20.1			
9.0	12.10	1670.5	1662.8	1648.7	-1.08	0.53	1.52	-13.2	-23.7	-19.9			
9.5	10.70	1675.8	1668.1	1653.9	-0.90	0.59	1.62	-13.0	-24.2	-19.5			
10.0	9.40	1680.6	1672.8	1658.5	-0.76	0.72	1.66	-12.8	-24.5	-19.0			