

Voltage Controlled Oscillator

ROS-EDR4524/1

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			
0.5	43.90	1628.0	1609.3	1596.7	0.58	2.82	1.42	-15.1	-26.1	-22.3	0.51	1	-66
1.0	42.90	1645.8	1630.7	1620.7	1.35	2.38	0.59	-14.2	-24.5	-23.9	1.02	10	-93
1.5	39.00	1666.3	1650.2	1638.5	1.93	2.97	1.31	-14.6	-25.1	-22.9	0.77	100	-115
2.0	35.60	1684.2	1668.0	1657.9	2.56	3.40	1.20	-14.7	-25.5	-23.0	0.64	1000	-136
2.5	38.30	1703.0	1687.2	1675.5	2.20	2.81	2.15	-13.4	-24.9	-23.4	0.45		
3.0	32.00	1720.3	1703.2	1694.5	2.51	2.94	2.11	-13.9	-23.9	-24.4	0.51		
3.5	34.40	1735.0	1720.4	1709.8	2.72	3.55	2.03	-14.1	-25.3	-24.1	0.13		
4.0	28.00	1750.7	1734.4	1725.7	2.49	3.71	2.05	-13.8	-25.6	-23.8	0.19		
4.5	23.30	1763.4	1746.1	1737.6	2.88	3.76	2.29	-13.7	-24.8	-25.5	0.38		
5.0	22.50	1773.4	1757.3	1747.8	2.65	3.22	2.01	-13.1	-24.4	-27.6	1.86		