

Voltage Controlled Oscillator

ROS-EDR4751/1

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			
0.3	19.70	2066.0	2047.2	2035.3	5.18	5.25	3.82	-26.9	-27.5	-36.2	0.70	1	-62
0.5	21.20	2070.3	2052.5	2040.8	5.22	5.10	3.76	-26.5	-27.5	-36.1	0.90	10	-92
0.8	21.20	2074.8	2057.9	2046.0	5.21	5.00	3.60	-25.8	-27.7	-35.9	0.77	100	-118
1.0	17.40	2080.1	2062.2	2050.3	5.02	5.14	3.72	-25.6	-27.7	-36.5	0.70	1000	-140
1.3	15.90	2085.7	2066.2	2053.9	4.99	5.30	3.97	-26.1	-27.7	-36.1	0.64		
1.5	16.40	2090.1	2070.3	2057.5	5.16	5.42	4.19	-26.5	-28.0	-36.2	0.64		
1.8	17.20	2094.5	2074.6	2061.0	5.25	5.55	4.40	-27.1	-28.3	-36.7	0.64		
2.0	17.40	2098.9	2078.9	2064.8	5.28	5.67	4.57	-27.3	-28.4	-35.8	0.64		
2.3	17.90	2103.6	2083.4	2068.9	5.25	5.74	4.71	-27.2	-28.7	-35.9	0.70		
2.5	18.20	2108.7	2087.9	2073.4	5.26	5.79	4.78	-27.2	-28.9	-36.4	0.64		
2.8	19.50	2113.8	2092.8	2078.8	5.27	5.78	4.76	-27.5	-28.8	-36.2	0.77		
3.0	20.70	2118.7	2098.0	2085.6	5.24	5.70	4.58	-27.8	-28.8	-37.2	0.77		
3.3	24.80	2124.5	2104.2	2091.1	4.95	5.42	4.74	-28.2	-28.7	-37.0	1.02		
3.5	30.20	2130.9	2111.7	2096.1	4.96	5.19	4.90	-27.2	-28.6	-35.8	0.96		
3.8	21.80	2135.6	2117.2	2101.2	5.31	5.39	4.97	-26.2	-28.6	-35.4	0.64		
4.0	20.50	2140.1	2122.3	2106.2	5.57	5.59	5.00	-26.5	-28.7	-34.4	0.77		
4.3	20.50	2144.8	2127.4	2111.5	5.75	5.73	5.00	-26.9	-29.3	-34.8	0.77		
4.5	21.20	2150.0	2132.7	2116.9	5.88	5.85	4.99	-27.2	-29.7	-35.8	0.64		
4.8	21.80	2155.3	2138.2	2122.2	5.90	5.91	4.96	-26.4	-29.6	-35.5	0.64		
5.0	21.00	2161.7	2143.4	2128.9	5.68	5.94	4.66	-26.6	-29.8	-36.5	0.64		