

Voltage Controlled Oscillator

ROS-ED10611A/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	24.86	2042.3	2035.8	2028.8	-0.67	0.82	1.28	-24.2	-44.3	-28.2	0.56	1	-83
1.0	26.28	2055.2	2048.5	2041.3	-0.71	0.80	1.05	-22.6	-45.3	-27.8	0.64	10	-108
1.5	29.97	2069.5	2062.4	2054.8	-0.74	0.78	0.82	-21.5	-46.3	-27.1	0.75	100	-128
2.0	35.63	2086.4	2078.7	2070.5	-0.83	0.69	0.79	-20.2	-45.2	-26.4	0.90	1000	-148
2.5	42.03	2106.7	2098.0	2089.1	-0.96	0.58	0.67	-18.9	-40.6	-25.9	1.00		
3.0	46.19	2129.7	2120.2	2110.6	-1.01	0.46	0.51	-18.1	-36.3	-25.2	0.83		
3.5	44.48	2153.2	2143.1	2133.1	-0.99	0.47	0.44	-17.1	-32.8	-24.2	0.15		
4.0	37.43	2174.0	2163.7	2153.7	-1.06	0.41	0.38	-16.4	-30.5	-22.7	0.69		
4.5	28.59	2190.5	2180.3	2170.4	-1.07	0.35	0.31	-15.9	-29.2	-21.5	1.02		
5.0	20.37	2202.4	2192.6	2182.7	-1.04	0.34	0.29	-15.4	-28.5	-21.1	0.67		