

Voltage Controlled Oscillator

ROS-ED11701/1

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	35.57	2043.0	2038.6	2035.6	-0.29	0.51	0.79	-26.6	-39.4	-42.6	1.46	0.1	-80
1.0	30.95	2060.2	2055.3	2051.4	-0.25	0.68	1.06	-25.7	-39.5	-43.3	1.49	1	-102
1.5	28.19	2075.8	2070.2	2065.4	-0.11	0.85	1.21	-23.8	-38.7	-44.6	1.51	10	-122
2.0	25.51	2089.7	2083.6	2078.3	0.06	1.04	1.55	-21.8	-39.1	-46.1	1.49	100	-142
2.5	23.70	2102.6	2096.0	2090.1	0.37	1.40	1.77	-20.1	-38.9	-46.4	1.51		
3.0	22.74	2114.7	2107.6	2101.3	0.50	1.57	1.91	-18.2	-38.7	-47.0	1.58		
3.5	23.11	2126.3	2119.0	2112.4	0.75	1.64	1.99	-16.9	-37.6	-46.3	1.71		
4.0	24.69	2138.4	2130.9	2123.9	0.78	1.56	1.93	-16.3	-35.8	-46.5	1.90		
4.5	26.12	2151.4	2143.6	2136.1	0.58	1.43	1.86	-16.5	-34.9	-46.3	2.03		
5.0	26.72	2165.1	2156.7	2148.7	0.35	1.34	1.81	-17.1	-34.6	-46.5	2.07		
5.5	26.84	2179.0	2170.1	2161.5	0.34	1.42	1.89	-17.8	-33.8	-47.5	2.08		
6.0	27.02	2192.8	2183.5	2174.5	0.37	1.51	1.97	-18.5	-33.4	-49.1	2.07		