

Voltage Controlled Oscillator

ROS-ED12683/1

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	72.28	4207.3	4176.5	4168.4	3.35	3.33	2.99	-29.2	-41.7	-67.8	0.68	1	-72
1.0	65.13	4241.1	4210.5	4203.0	3.41	3.44	3.11	-29.4	-41.9	-67.0	0.39	10	-97
1.5	62.42	4272.7	4242.2	4235.0	3.42	3.28	2.92	-29.1	-41.5	-67.6	0.28	100	-118
2.0	60.15	4303.5	4273.1	4265.9	3.63	3.29	2.86	-29.0	-39.4	-67.8	0.20	1000	-138
2.5	60.24	4334.0	4303.4	4296.3	3.53	3.17	2.65	-30.0	-39.1	-66.7	0.20		
3.0	60.97	4364.5	4333.5	4326.7	3.59	3.24	2.76	-30.1	-39.8	-66.9	0.24		
3.5	62.38	4395.3	4364.0	4357.3	3.75	3.58	3.14	-31.1	-38.9	-66.2	0.33		
4.0	62.40	4426.1	4394.3	4387.9	3.77	3.75	3.27	-30.0	-40.4	-66.7	0.53		
4.5	60.40	4456.9	4424.3	4418.0	3.66	3.65	3.19	-30.5	-46.2	-63.3	1.07		
5.0	57.72	4487.1	4453.9	4447.7	3.58	3.41	2.90	-29.8	-46.0	-63.8	1.86		
5.5	51.05	4515.4	4482.3	4475.8	3.57	3.30	2.78	-30.1	-49.0	-63.9	2.56		
6.0	46.38	4540.9	4507.4	4501.7	3.69	3.47	2.87	-29.7	-49.3	-62.3	3.38		