

Voltage Controlled Oscillator

ROS-ED12999/1

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			
0.00	41.01	4377.6	4358.0	4342.6	6.13	5.97	5.64	-37.9	-54.8	-70.5	1.46	1	-75
0.50	31.82	4394.7	4375.9	4361.2	6.63	6.26	5.92	-36.6	-51.6	-71.2	1.61	10	-98
1.00	27.82	4409.2	4390.6	4376.0	6.80	6.48	6.14	-36.5	-53.6	-71.0	1.69	100	-118
1.50	25.63	4422.4	4403.9	4389.2	6.79	6.51	6.17	-36.3	-53.6	-70.6	1.74	1000	-138
2.00	24.32	4434.9	4416.3	4401.4	6.55	6.30	5.96	-36.8	-53.1	-69.7	1.80		
2.50	23.46	4446.8	4428.2	4413.1	6.58	6.34	6.00	-37.0	-57.0	-69.5	1.85		
3.00	22.85	4458.2	4439.8	4424.5	6.52	6.28	5.94	-36.9	-57.6	-71.0	1.87		
3.50	22.39	4469.4	4451.0	4435.6	6.60	6.34	5.98	-36.7	-54.8	-70.4	1.88		
4.00	22.05	4480.4	4462.1	4446.6	6.64	6.38	6.00	-36.5	-58.2	-70.2	1.90		
4.50	21.91	4491.4	4473.0	4457.5	6.88	6.61	6.20	-36.4	-66.0	-69.8	1.90		
5.00	21.93	4502.3	4483.9	4468.3	6.79	6.51	6.08	-36.3	-62.1	-69.3	1.92		
5.50	22.12	4513.3	4494.9	4479.2	6.65	6.36	5.92	-35.9	-63.0	-69.3	1.88		
6.00	22.55	4524.7	4506.0	4490.1	6.52	6.26	5.81	-35.9	-65.9	-69.2	1.90		