

# Voltage Controlled Oscillator

ROS-ED11927/1

## 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			
1.0	16.42	148.6	146.9	145.6	8.74	8.83	8.59	-24.6	-40.6	-44.4	0.57	1 10 100 1000	-80 -105 -125 -145
2.0	13.92	163.9	161.8	160.3	9.01	9.20	8.97	-27.3	-39.6	-45.8	0.30		
3.0	13.54	177.8	175.5	173.8	9.13	9.37	9.24	-27.2	-39.4	-46.3	0.17		
4.0	13.92	191.8	189.4	187.5	9.33	9.60	9.47	-26.4	-38.8	-47.3	0.13		
5.0	14.87	206.2	200.4	202.0	9.43	9.67	9.54	-25.7	-38.9	-47.5	0.22		
6.0	14.98	221.2	218.7	216.9	9.42	9.77	9.72	-25.3	-38.4	-48.0	0.33		
7.0	15.18	236.4	234.0	232.0	9.59	9.91	9.81	-24.5	-37.8	-49.3	0.43		
8.0	14.72	251.2	248.8	246.9	9.63	9.88	9.77	-24.0	-38.9	-48.6	0.51		
9.0	13.78	265.7	263.2	261.2	9.46	9.82	9.82	-23.9	-41.0	-50.1	0.47		
10.0	12.73	278.9	276.4	274.4	9.58	9.96	9.92	-23.2	-42.5	-49.7	0.45		
11.0	12.39	291.2	289.1	287.1	9.68	10.00	9.86	-22.1	-43.7	-49.5	0.50		
12.0	11.30	303.3	301.0	298.8	9.67	9.92	9.67	-21.7	-47.2	-50.9	0.43		
13.0	10.52	314.1	311.9	309.7	9.58	9.73	9.44	-22.1	-53.6	-55.8	0.46		

