

Voltage Controlled Oscillator

ROS-ED11184/2

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	15.21	175.2	175.8	178.3	-6.42	-3.92	-3.44	-5.6	-18.2	-25.5	1.44	1	-77
2.0	13.71	189.7	190.1	192.7	-5.28	-3.33	-3.01	-6.9	-20.7	-27.1	1.16	10	-102
3.0	13.86	203.8	203.8	205.7	-4.14	-2.86	-2.61	-9.1	-22.8	-28.6	0.97	100	-122
4.0	14.74	218.4	218.0	219.2	-3.38	-2.37	-2.32	-11.6	-24.3	-29.6	0.46	1000	-142
5.0	16.52	234.9	233.5	234.1	-2.82	-1.82	-1.96	-14.6	-26.6	-30.1	0.09		
6.0	18.33	252.6	250.9	250.6	-2.16	-1.24	-1.47	-18.5	-29.8	-32.2	0.08		
7.0	18.66	271.5	269.6	268.4	-1.40	-0.59	-0.70	-22.0	-31.3	-33.2	0.96		
8.0	18.46	291.3	288.0	287.0	-0.68	0.13	0.07	-24.3	-33.1	-32.6	2.20		
9.0	19.14	310.0	306.9	305.6	0.09	0.61	0.75	-26.3	-36.2	-33.6	2.28		
10.0	18.73	329.1	325.9	323.6	0.28	0.84	1.29	-29.2	-36.7	-35.1	2.14		
11.0	17.90	348.2	344.2	341.2	0.03	1.03	1.49	-31.5	-35.2	-35.3	2.49		
12.0	17.76	366.4	361.9	359.3	-0.39	1.03	1.00	-31.9	-35.7	-34.2	3.54		
13.0	18.88	384.6	380.2	377.9	-1.32	0.51	0.12	-31.5	-37.9	-34.1	4.33		
14.0	18.72	403.8	399.1	396.3	-2.78	-0.51	-0.76	-32.2	-39.0	-34.8	4.48		
15.0	17.63	422.3	417.4	414.0	-3.96	-1.55	-1.51	-32.8	-37.6	-37.0	4.45		
16.0	16.21	439.3	434.3	430.8	-5.17	-2.61	-2.50	-32.8	-37.0	-40.5	4.60		
17.0	14.84	454.8	449.9	446.4	-5.71	-3.79	-3.45	-32.4	-36.4	-42.6	5.36		
18.0	13.74	468.9	464.2	460.9	-6.68	-5.10	-3.97	-31.5	-36.8	-43.9	6.30		