

Voltage Controlled Oscillator

ROS-ED13113/1

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	63.61	2775.17	2755.50	2703.88	3.67	3.45	1.09	-22.68	-30.46	-47.83	11.53	1	-64
1.00	48.18	2828.52	2808.71	2755.04	3.89	3.29	1.48	-22.48	-32.77	-47.54	11.08	10	-89
2.00	48.69	2877.60	2856.30	2799.67	4.03	3.75	1.74	-22.34	-32.77	-46.48	10.66	100	-110
3.00	56.26	2931.43	2907.97	2847.14	4.31	4.01	1.91	-22.64	-32.84	-48.67	10.09	1000	-130
4.00	71.30	2996.78	2970.38	2904.38	4.59	3.96	2.42	-22.41	-33.30	-50.37	9.42		
5.00	95.33	3081.98	3052.55	2979.59	4.90	4.45	2.47	-21.84	-33.06	-61.09	8.23		
6.00	114.48	3189.40	3159.32	3079.91	5.26	4.55	2.92	-21.19	-32.92	-52.12	6.01		
7.00	119.79	3304.98	3279.34	3198.22	5.37	4.73	3.16	-20.90	-37.09	-46.64	2.59		
8.00	113.64	3420.06	3397.38	3316.70	5.41	4.94	3.55	-21.30	-36.51	-58.91	0.04		
9.00	106.00	3530.50	3508.16	3427.19	5.21	4.72	3.50	-22.30	-39.53	-65.69	0.73		
10.00	98.18	3632.91	3609.97	3528.91	4.82	4.58	3.52	-23.58	-40.72	-70.44	0.38		
11.00	85.51	3723.04	3701.30	3620.98	4.61	4.40	2.86	-24.20	-42.53	-70.96	0.61		
12.00	71.85	3800.94	3780.34	3701.73	4.50	4.18	3.86	-24.96	-42.50	-69.42	1.74		
13.00	60.36	3865.00	3846.63	3770.66	4.20	3.80	2.91	-26.21	-44.15	-69.35	2.97		
14.00	48.61	3917.73	3900.32	3828.21	4.00	3.86	2.56	-28.14	-47.33	-70.12	4.09		
15.00	40.66	3960.58	3945.32	3875.17	3.67	3.51	2.55	-29.50	-50.19	-69.17	5.05		
16.00	32.91	3995.97	3981.97	3914.33	3.50	2.87	2.05	-31.24	-51.90	-69.89	5.53		
17.00	28.60	4025.72	4012.44	3947.60	3.27	2.44	1.78	-32.12	-53.23	-68.38	6.06		
18.00	24.86	4049.79	4039.15	3975.28	3.02	2.26	1.66	-33.14	-65.69	-69.51	6.31		