

Voltage Controlled Oscillator

ROS-ED11874/2

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			
0.5	70.04	2773.0	2757.5	2743.4	8.92	9.40	9.38	-24.1	-28.1	-49.8	1.25	1	-73
1.0	63.52	2806.1	2792.1	2778.2	9.18	9.52	9.61	-23.4	-29.3	-53.6	0.90	10	-98
1.5	66.30	2838.4	2824.4	2809.7	9.35	9.61	9.67	-22.5	-30.3	-57.3	0.48	100	-118
2.0	63.48	2869.0	2855.0	2740.8	9.24	9.78	9.95	-22.4	-29.3	-56.7	0.26	1000	-138
2.5	57.71	2898.0	2884.5	2870.8	9.42	9.91	9.98	-22.4	-28.8	-57.6	0.22		
3.0	58.57	2928.2	2914.6	2899.5	9.50	9.95	10.13	-22.5	-28.7	-57.9	0.14		
3.5	59.92	2957.9	2943.8	2928.9	9.69	9.97	10.10	-22.4	-29.0	-58.6	0.23		
4.0	56.24	2986.7	2972.4	2957.7	9.59	9.96	9.98	-22.0	-31.2	-60.8	0.41		
4.5	56.34	3016.0	3001.4	2985.4	9.58	9.93	10.11	-22.0	-37.5	-61.4	0.64		
5.0	56.67	3044.8	3029.3	3013.1	9.49	9.85	9.91	-21.3	-42.7	-62.3	0.86		
5.5	50.15	3072.0	3055.9	3039.8	9.56	9.76	9.83	-19.8	-40.3	-59.3	1.02		
6.0	48.60	3097.7	3081.0	3064.6	9.88	9.56	9.34	-20.4	-39.0	-62.2	1.62		