

Voltage Controlled Oscillator

ROS-ED12845/1

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			
0.0	5.69	854.8	853.0	852.0	4.82	4.77	4.64	-16.36	-30.82	-29.18	0.01	1	-95
1.0	4.64	859.9	858.1	857.1	4.68	4.71	4.65	-16.65	-28.65	-35.41	0.00	10	-120
2.0	4.75	864.6	862.7	861.6	4.63	4.74	4.71	-16.58	-28.28	-32.58	0.03	100	-140
3.0	5.24	869.6	867.7	866.5	4.60	4.76	4.75	-16.41	-28.35	-30.51	0.03	1000	-160
4.0	5.80	875.0	873.1	872.0	4.66	4.79	4.79	-16.37	-28.29	-29.65	0.02		
5.0	6.25	880.9	879.1	878.1	4.76	4.86	4.84	-16.49	-28.05	-29.05	0.12		
6.0	6.32	887.2	885.4	884.5	4.92	4.96	4.93	-16.68	-27.63	-28.85	0.22		
7.0	6.05	893.4	891.7	890.7	5.11	5.07	5.01	-16.73	-26.69	-28.99	0.32		
8.0	5.63	899.2	897.5	896.6	5.33	5.22	5.11	-16.54	-25.32	-29.06	0.38		
9.0	5.19	904.7	903.0	902.1	5.59	5.38	5.22	-16.45	-24.35	-29.80	0.41		
10.0	4.88	909.8	908.0	907.2	5.81	5.51	5.27	-16.64	-23.97	-30.63	0.43		
11.0	4.60	914.6	912.8	912.0	5.92	5.59	5.33	-17.17	-23.83	-29.95	0.44		
12.0	4.31	919.1	917.3	916.5	5.87	5.57	5.33	-17.85	-23.83	-28.65	0.44		