

Voltage Controlled Oscillator

ROS-EDR5372

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			
0.3	30.96	306.1	302.5	299.4	4.81	5.02	4.46	-20.0	-44.1	-45.3	-0.84	1	-88
0.5	26.94	312.9	309.2	306.3	4.81	5.14	4.57	-21.1	-44.6	-43.5	-0.64	10	-110
0.8	24.38	319.0	315.3	312.5	5.03	5.32	4.63	-20.5	-46.8	-41.4	-0.50	100	-134
1.0	23.04	324.5	321.1	318.4	5.17	5.24	4.60	-21.1	-43.3	-43.9	-0.52	1000	-148
1.3	22.76	329.9	326.8	324.0	5.06	5.06	4.60	-23.3	-42.7	-47.3	-0.46		
1.5	21.94	335.4	332.2	329.4	4.96	5.06	4.69	-24.0	-43.1	-50.4	-0.42		
1.8	21.34	340.8	337.6	334.6	4.95	5.12	4.80	-23.7	-42.5	-48.4	-0.34		
2.0	20.95	346.2	342.8	339.8	4.97	5.19	4.89	-24.3	-43.8	-47.1	-0.30		
2.3	20.64	351.4	348.0	344.9	5.01	5.27	4.97	-25.4	-43.1	-45.2	-0.26		
2.5	20.40	356.6	353.1	349.9	5.06	5.34	5.04	-25.8	-43.7	-44.5	-0.24		
2.8	20.16	361.7	358.1	354.9	5.11	5.39	5.08	-26.1	-46.4	-43.4	-0.22		
3.0	19.89	366.8	363.1	359.9	5.15	5.44	5.09	-26.9	-46.2	-42.8	-0.22		
3.3	19.62	371.7	368.0	364.8	5.18	5.46	5.08	-27.4	-46.6	-42.2	-0.24		
3.5	19.35	376.6	372.8	369.7	5.19	5.45	5.04	-27.1	-47.2	-43.5	-0.28		
3.8	19.12	381.3	377.6	374.5	5.18	5.40	4.99	-26.5	-45.8	-43.2	-0.36		
4.0	18.93	386.0	382.3	379.3	5.15	5.31	4.92	-27.2	-45.2	-43.0	-0.48		
4.3	18.67	390.5	387.0	383.9	5.07	5.19	4.84	-28.3	-44.8	-43.0	-0.54		
4.5	18.34	394.9	391.6	388.5	4.92	5.05	4.75	-28.8	-43.9	-43.4	-0.56		
4.8	17.90	399.4	396.1	392.9	4.74	4.89	4.64	-28.7	-43.8	-44.1	-0.58		
5.0	17.38	403.7	400.4	397.2	4.54	4.73	4.54	-28.7	-43.3	-44.2	-0.54		
5.3	16.83	407.9	404.6	401.4	4.33	4.56	4.42	-29.5	-42.1	-45.6	-0.54		
5.5	16.24	412.0	408.7	405.4	4.12	4.39	4.29	-30.6	-41.8	-46.5	-0.52		
5.8	15.63	415.9	412.6	409.3	3.90	4.21	4.15	-30.8	-41.9	-46.9	-0.48		
6.0	15.04	419.7	416.4	413.0	3.69	4.03	4.01	-30.2	-41.1	-46.9	-0.44		
6.3	14.46	423.3	420.0	416.5	3.48	3.84	3.86	-29.5	-40.3	-46.6	-0.42		
6.5	13.92	426.8	423.5	420.0	3.27	3.66	3.71	-29.7	-40.3	-46.8	-0.38		
6.8	13.37	430.2	426.8	423.3	3.07	3.48	3.55	-30.6	-40.5	-47.0	-0.34		
7.0	12.88	433.5	430.0	426.4	2.87	3.30	3.39	-31.5	-39.9	-46.7	-0.32		