

Voltage Controlled Oscillator

ROS-EDR4668

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	12.20	489.8	488.3	487.6	3.09	3.03	3.06	-21.4	-32.8	-33.8	0.00	1	-90
1.0	10.50	495.0	493.6	492.7	3.31	3.25	3.38	-21.6	-32.4	-33.1	0.06	10	-112
1.5	9.60	500.0	498.4	497.3	3.49	3.43	3.62	-21.8	-32.1	-32.4	0.00	100	-134
2.0	9.30	504.8	503.0	501.8	3.65	3.58	3.81	-22.0	-31.9	-31.9	0.06	1000	-151
2.5	9.10	509.6	507.6	506.3	3.78	3.70	3.96	-22.1	-31.6	-31.7	0.00		
3.0	9.30	514.3	512.3	510.8	3.88	3.80	4.08	-22.3	-31.3	-31.3	0.06		
3.5	9.30	519.1	516.9	515.3	3.93	3.88	4.15	-22.4	-31.1	-31.5	0.00		
4.0	9.60	524.1	521.7	520.1	3.92	3.94	4.15	-22.5	-30.9	-31.3	0.00		
4.5	10.10	529.2	526.8	524.9	3.88	3.96	4.09	-22.6	-30.6	-31.2	0.00		
5.0	10.50	534.7	532.0	530.1	3.79	3.95	3.97	-22.7	-30.1	-31.3	0.00		
5.5	11.10	540.4	537.6	535.6	3.70	3.91	3.80	-22.6	-29.9	-31.1	0.06		
6.0	11.80	546.3	543.5	541.4	3.57	3.81	3.59	-22.5	-29.5	-31.3	0.06		
6.5	12.30	552.6	549.6	547.7	3.42	3.66	3.34	-22.4	-28.6	-31.6	0.00		
7.0	13.10	559.2	556.2	554.4	3.29	3.41	3.09	-22.4	-27.9	-32.0	0.00		
7.5	13.80	566.1	563.1	561.3	3.12	3.06	2.88	-22.4	-27.4	-32.8	-0.06		
8.0	14.70	573.2	570.4	568.6	2.80	2.61	2.60	-22.5	-27.0	-33.5	0.00		
8.5	15.10	580.5	578.0	576.1	2.33	2.11	2.26	-22.6	-26.9	-33.6	-0.06		
9.0	15.70	588.4	585.9	583.7	1.66	1.58	1.85	-22.7	-26.6	-33.4	-0.06		
9.5	16.00	596.3	593.9	591.6	0.91	1.05	1.35	-22.8	-26.3	-32.5	-0.06		
10.0	16.10	604.5	601.9	599.6	0.09	0.53	0.78	-22.7	-25.9	-31.9	-0.06		
10.5	16.10	612.7	610.0	607.5	-0.64	0.03	0.20	-22.5	-25.5	-30.9	-0.06		
11.0	16.10	621.0	618.1	615.5	-1.21	-0.46	-0.30	-22.4	-25.0	-29.9	-0.13		
11.5	16.00	629.1	626.1	623.4	-1.71	-0.92	-0.72	-22.0	-24.6	-28.7	-0.13		
12.0	15.90	637.2	634.0	631.2	-2.18	-1.39	-1.13	-21.6	-24.5	-27.1	-0.06		