

Voltage Controlled Oscillator

ROS-EDR4535

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	15.10	332.5	328.9	325.8	7.04	7.83	8.11	-25.6	-52.6	-63.4	-0.13	1	-82
0.5	13.80	335.7	332.4	329.3	6.99	7.77	8.05	-26.1	-54.2	-62.8	-0.06	10	-103
0.8	12.30	338.7	335.4	332.5	6.96	7.73	8.01	-26.6	-55.2	-63.3	-0.06	100	-122
1.0	12.00	341.6	338.4	335.5	6.96	7.70	7.99	-27.1	-56.8	-64.3	0.06	1000	-143
1.3	11.30	344.4	341.3	338.4	6.95	7.68	7.98	-27.4	-58.7	-64.3	0.00		
1.5	11.30	347.2	344.1	341.1	6.95	7.66	7.96	-27.8	-60.7	-65.1	0.00		
1.8	11.00	350.0	346.8	343.9	6.95	7.64	7.95	-28.1	-62.7	-66.7	0.06		
2.0	11.00	352.7	349.6	346.6	6.94	7.62	7.94	-28.5	-64.2	-68.8	0.06		
2.3	11.00	355.5	352.3	349.3	6.94	7.61	7.92	-28.8	-64.9	-70.1	0.06		
2.5	10.80	358.2	355.0	352.0	6.93	7.58	7.90	-29.2	-65.6	-71.7	0.06		
2.8	11.00	361.0	357.8	354.7	6.92	7.55	7.87	-29.4	-66.1	-74.0	0.13		
3.0	10.80	363.6	360.5	357.4	6.89	7.51	7.84	-29.7	-66.3	-77.0	0.19		
3.3	10.20	366.1	363.0	359.9	6.84	7.46	7.79	-30.0	-66.5	-74.7	0.13		
3.5	10.00	368.5	365.5	362.5	6.76	7.39	7.72	-30.4	-66.0	-71.6	0.19		
3.8	9.50	370.6	367.9	365.1	6.54	7.26	7.59	-30.7	-66.0	-70.5	0.06		
4.0	11.80	373.9	370.8	368.0	6.15	7.00	7.36	-31.2	-65.6	-68.3	0.00		
4.3	13.30	377.5	374.1	371.3	5.81	6.69	7.08	-32.0	-66.2	-64.8	-0.13		
4.5	14.30	381.3	377.7	374.7	5.49	6.39	6.79	-32.8	-67.8	-63.4	-0.06		
4.8	14.10	384.8	381.3	378.3	5.20	6.11	6.52	-33.5	-66.7	-62.1	-0.13		
5.0	14.10	388.4	384.8	381.8	4.94	5.85	6.28	-34.3	-65.9	-60.9	-0.06		