

Voltage Controlled Oscillator

ROS-ED8368/1

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			
0.5	24.80	335.9	332.8	330.9	11.01	11.02	11.01	-26.3	-38.7	-41.2	0.64	1	-85
1.0	20.73	346.0	343.2	341.5	11.17	11.16	11.01	-27.7	-37.7	-39.2	0.80	10	-114
1.5	17.22	354.6	351.8	350.1	11.12	11.02	10.96	-28.8	-37.3	-37.2	0.49	100	-134
2.0	14.49	361.9	359.1	357.3	11.09	11.09	11.05	-29.7	-37.2	-36.2	0.33	1000	-148
2.5	12.85	368.4	365.5	363.6	11.04	10.97	10.92	-30.3	-37.2	-35.2	0.21		
3.0	11.77	374.3	371.4	369.5	11.02	11.09	11.04	-31.0	-37.2	-34.7	0.12		
3.5	10.96	379.9	376.9	374.9	10.97	11.08	11.03	-31.3	-37.2	-34.2	0.05		
4.0	10.33	385.1	382.0	380.0	10.97	11.03	10.76	-31.7	-37.0	-34.0	0.04		
4.5	9.83	390.1	386.9	384.8	10.91	11.03	11.00	-32.2	-36.5	-34.2	0.12		
5.0	9.38	394.9	391.6	389.4	10.84	10.97	10.93	-32.2	-36.2	-34.5	0.22		
5.5	8.95	399.5	396.1	393.9	10.73	10.88	10.84	-32.3	-35.8	-35.0	0.34		
6.0	8.58	403.9	400.4	398.2	10.65	10.75	10.70	-32.5	-35.2	-35.7	0.43		