

Voltage Controlled Oscillator

ROS-EDR4767

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	13.10	811.4	800.2	795.8	5.00	5.24	3.42	-17.5	-27.6	-34.6	0.19	1	-72
0.5	16.40	814.9	804.3	799.9	4.99	4.77	4.18	-18.1	-27.1	-34.5	-0.45	10	-101
0.8	21.20	815.9	809.6	804.0	4.53	3.87	4.49	-17.0	-25.4	-33.6	-0.32	100	-122
1.0	16.90	819.0	813.8	807.9	4.35	4.45	4.64	-16.6	-25.3	-34.0	-0.06	1000	-142
1.3	14.30	823.0	817.4	811.8	4.25	4.75	4.71	-17.2	-25.2	-34.5	-0.26		
1.5	15.10	827.7	821.2	815.6	3.60	4.91	4.77	-17.9	-24.7	-34.9	-0.32		
1.8	15.10	832.3	825.0	819.6	3.15	5.01	4.80	-18.6	-24.2	-35.4	-0.38		
2.0	15.40	836.0	828.8	823.5	3.68	5.09	4.74	-19.4	-23.7	-34.5	-0.45		
2.3	15.40	839.9	832.6	828.2	3.97	5.14	4.18	-19.9	-23.4	-33.7	-0.51		
2.5	15.90	844.0	836.6	833.3	4.15	5.15	3.20	-18.9	-23.0	-33.7	-0.51		
2.8	16.10	848.1	840.6	836.7	4.27	5.22	3.88	-19.0	-22.7	-33.4	-0.51		
3.0	15.60	852.2	844.5	840.4	4.35	5.29	4.30	-19.6	-22.6	-33.3	-0.58		
3.3	16.10	856.3	848.6	844.2	4.40	5.33	4.52	-20.1	-22.5	-32.8	-0.58		
3.5	16.10	860.4	852.6	848.1	4.48	5.34	4.64	-20.6	-22.3	-32.2	-0.58		
3.8	16.40	864.4	856.7	852.0	4.54	5.27	4.71	-21.4	-21.7	-32.0	-0.58		
4.0	18.90	868.5	861.4	856.0	4.52	4.62	4.75	-21.1	-20.8	-32.0	-0.90		
4.3	21.80	873.0	866.9	859.9	3.95	3.67	4.81	-18.8	-19.3	-31.5	-0.51		
4.5	13.60	877.8	870.3	863.9	3.54	4.32	4.84	-19.3	-19.3	-31.5	-0.51		
4.8	13.60	881.3	873.7	867.7	4.08	4.76	4.82	-20.0	-19.2	-31.9	-0.51		
5.0	14.10	884.9	877.2	872.0	4.40	5.00	4.55	-20.6	-19.1	-32.2	-0.58		