

Voltage Controlled Oscillator

ROS-EDR4841

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			
1.0	16.60	514.4	511.0	508.2	5.75	5.42	4.61	-26.3	-42.1	-36.7	0.06	1	-83
2.0	14.70	529.1	525.6	522.9	6.71	6.11	5.04	-26.3	-39.3	-43.1	0.00	10	-109
3.0	16.00	545.5	541.6	539.4	7.23	6.44	5.14	-26.8	-39.0	-48.0	0.00	100	-131
4.0	17.70	563.0	559.3	556.9	7.47	6.45	5.23	-27.8	-38.9	-50.8	-0.13	1000	-149
5.0	18.20	580.7	577.5	575.2	7.45	6.49	5.30	-28.9	-39.2	-52.0	-0.19		
6.0	18.30	598.4	595.8	593.4	7.27	6.35	5.29	-30.1	-39.7	-52.6	-0.26		
7.0	17.30	616.2	613.1	610.2	7.23	6.42	5.26	-30.8	-39.6	-52.2	-0.26		
8.0	16.20	632.7	629.3	626.2	7.22	6.54	5.22	-31.5	-39.2	-50.5	-0.19		
9.0	15.30	648.0	644.5	641.6	7.16	6.51	5.17	-32.4	-37.9	-47.8	-0.13		
10.0	14.90	662.2	659.5	657.3	6.74	6.11	4.95	-34.6	-34.8	-44.6	-0.38		
11.0	15.20	677.4	674.6	672.2	6.27	5.78	4.95	-38.0	-33.8	-44.2	-0.45		
12.0	13.80	691.6	688.5	685.8	6.52	5.92	4.97	-37.4	-36.3	-46.3	-0.32		
13.0	12.90	704.6	701.4	698.6	6.81	5.98	4.92	-36.8	-39.1	-46.8	-0.38		
14.0	12.50	717.0	713.9	711.0	6.86	5.94	4.85	-37.1	-41.5	-47.9	-0.38		
15.0	11.90	728.9	725.8	722.9	6.77	5.87	4.85	-37.5	-44.1	-51.0	-0.51		
16.0	11.30	740.2	737.1	734.1	6.66	5.86	4.87	-38.2	-45.8	-52.4	-0.45		
17.0	10.50	750.7	747.6	744.5	6.58	5.85	4.87	-38.6	-48.0	-56.8	-0.51		
18.0	9.80	760.6	757.4	754.2	6.58	5.83	4.86	-38.8	-50.6	-57.9	-0.51		
19.0	9.00	769.5	766.3	763.1	6.65	5.86	4.87	-39.0	-51.3	-53.9	-0.51		
20.0	8.20	777.9	774.5	771.2	6.70	5.88	4.87	-39.4	-51.6	-53.0	-0.58		