Voltage Controlled Oscillator ROS-ED9692/1

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4	
0.1	10.38	727.5	726.4	724.7	1.58	1.24	0.96	-30.1	-35.4	-45.9	0.11
0.3	9.95	728.8	727.6	725.9	1.50	1.27	0.94	-30.0	-35.1	-45.8	0.11
0.4	9.79	730.0	728.9	727.2	1.43	1.24	0.92	-30.2	-35.3	-45.1	0.09
0.5	9.66	731.3	730.1	728.3	1.35	1.21	0.96	-30.5	-35.1	-44.5	0.11
0.6	9.51	732.5	731.3	729.5	1.29	1.17	0.94	-30.4	-34.7	-44.0	0.09
0.8	9.52	733.7	732.5	730.7	1.25	1.14	0.91	-30.8	-35.2	-44.0	0.07
0.9	9.55	735.0	733.7	731.8	1.18	1.14	0.89	-30.7	-34.7	-42.7	0.09
1.0	9.53	736.2	734.8	733.0	1.12	1.10	0.89	-30.8	-34.4	-41.9	0.07
1.1	9.74	737.4	736.1	734.2	1.06	1.07	0.87	-30.6	-34.8	-42.3	0.07
1.3	9.68	738.7	737.3	735.4	1.06	1.04	0.84	-31.1	-34.5	-42.1	0.07
1.4	9.84	740.0	738.5	736.6	1.00	1.06	0.82	-31.1	-34.5	-41.4	0.07
1.5	9.89	741.2	739.7	737.8	0.94	1.03	0.85	-31.3	-34.2	-41.3	0.07
1.6	9.96	742.5	741.0	739.0	0.96	1.00	0.82	-31.4	-34.3	-40.7	0.08
1.8	10.05	743.8	742.2	740.2	0.91	0.96	0.80	-31.6	-34.1	-40.4	0.08
1.9	10.11	745.1	743.5	741.5	0.86	1.00	0.77	-31.7	-34.1	-40.5	0.07
2.0	10.25	746.4	744.8	742.7	0.81	0.97	0.81	-31.8	-34.0	-40.1	0.07
2.1	10.23	747.7	746.1	744.0	0.83	0.94	0.79	-31.8	-33.9	-41.0	0.09
2.3	10.20	749.0	747.3	745.2	0.79	0.91	0.76	-32.3	-33.9	-40.9	0.08
2.4	10.34	750.3	748.6	746.5	0.74	0.95	0.74	-32.2	-33.7	-40.4	0.08
2.5	10.26	751.6	749.9	747.7	0.70	0.93	0.79	-32.5	-33.4	-40.6	0.08
2.6	10.23	753.0	751.2	749.0	0.72	0.90	0.76	-32.4	-33.7	-39.7	0.09
2.8	10.22	754.2	752.5	750.3	0.68	0.88	0.74	-32.7	-33.6	-39.9	0.09
2.9	10.18	755.5	753.7	751.5	0.65	0.91	0.72	-33.0	-33.5	-40.0	0.09
3.0	9.98	756.8	755.0	752.7	0.63	0.89	0.76	-32.9	-33.4	-39.4	0.09
3.1	9.84	758.0	756.2	753.9	0.67	0.87	0.74	-33.2	-33.2	-39.1	0.11
3.3	9.76	759.2	757.4	755.2	0.65	0.86	0.72	-33.3	-33.1	-39.0	0.09
3.4	9.62	760.4	758.6	756.3	0.63	0.91	0.71	-33.2	-32.7	-38.9	0.11
3.5	9.35	761.6	759.8	757.5	0.61	0.89	0.76	-33.5	-32.8	-38.4	0.09
3.6	9.20	762.8	761.0	758.7	0.63	0.88	0.75	-33.7	-32.7	-39.1	0.10
3.8	9.04	763.9	762.1	759.8	0.62	0.88	0.74	-33.9	-32.8	-39.0	0.12
3.9	8.90	765.0	763.2	760.9	0.60	0.90	0.74	-33.9	-32.7	-38.9	0.10
4.0	8.62	766.1	764.3	762.0	0.59	0.90	0.73	-34.2	-32.4	-38.3	0.12
4.1	8.48	767.1	765.3	763.0	0.58	0.89	0.76	-34.0	-32.7	-38.4	0.12
4.3	8.24	768.1	766.4	764.1	0.64	0.89	0.75	-34.3	-32.5	-38.3	0.10
4.4	7.99	769.1	767.4	765.1	0.64	0.88	0.75	-34.3	-32.5	-38.3	0.10
4.5	7.86	770.1	768.4	766.0	0.63	0.95	0.75	-34.5	-32.4	-38.1	0.10
4.6	7.58	771.0	769.3	767.0	0.62	0.95	0.75	-34.9	-32.5	-37.6	0.08
4.8	7.45	772.0	770.2	767.9	0.62	0.94	0.82	-34.7	-32.3	-38.1	0.10
4.9	7.11	772.9	771.1	768.8	0.66	0.94	0.82	-34.9	-32.7	-38.0	0.08
5.0	6.98	773.7	772.0	769.7	0.65	0.94	0.82	-35.1	-32.3	-37.9	0.10

FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
1	-92
10	-114
100	-134
1000	-147