

Voltage Controlled Oscillator

UOS-EDR5674

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	22.02	715.6	709.9	706.7	0.87	0.63	0.20	-21.4	-35.2	-37.9	-0.32	1	-88
0.5	19.33	718.6	714.7	711.6	0.90	0.69	0.27	-21.6	-34.9	-37.6	-0.31	10	-114
0.8	18.14	722.2	719.3	716.2	0.93	0.73	0.33	-21.9	-34.9	-37.5	-0.29	100	-133
1.0	17.46	726.0	723.6	720.5	0.96	0.77	0.37	-22.1	-34.8	-37.3	-0.29	1000	-147
1.3	17.10	729.8	727.9	724.8	0.97	0.79	0.40	-22.3	-34.5	-37.4	-0.28		
1.5	16.91	733.7	732.2	729.0	0.97	0.79	0.42	-22.3	-34.2	-37.2	-0.27		
1.8	16.80	737.7	736.4	733.2	0.96	0.78	0.42	-22.4	-34.1	-36.6	-0.26		
2.0	16.72	741.7	740.5	737.3	0.94	0.77	0.41	-22.5	-33.7	-36.3	-0.25		
2.3	16.64	746.4	744.7	741.5	0.93	0.78	0.42	-22.7	-33.6	-36.5	-0.25		
2.5	16.62	749.9	748.8	745.6	0.92	0.81	0.46	-22.9	-33.5	-36.1	-0.24		
2.8	16.62	753.7	753.0	749.7	0.98	0.83	0.47	-23.0	-33.3	-35.9	-0.24		
3.0	16.36	757.6	757.1	753.9	1.01	0.85	0.48	-23.1	-33.0	-36.1	-0.23		
3.3	16.36	761.5	761.2	757.9	1.04	0.89	0.52	-23.2	-32.9	-36.0	-0.23		
3.5	16.19	765.4	765.2	762.0	1.08	0.90	0.55	-23.4	-32.8	-35.5	-0.22		
3.8	15.72	769.2	769.2	766.0	1.10	0.93	0.56	-23.6	-32.7	-34.9	-0.22		
4.0	15.43	773.0	773.0	769.9	1.11	0.95	0.57	-23.7	-32.6	-34.4	-0.22		
4.3	15.16	777.6	776.8	773.7	1.12	0.97	0.60	-23.8	-32.4	-34.3	-0.22		
4.5	14.81	780.7	780.5	777.4	1.14	0.99	0.62	-24.1	-32.1	-33.8	-0.22		
4.8	14.46	784.1	784.1	781.0	1.17	1.01	0.65	-24.4	-32.0	-33.5	-0.22		
5.0	14.10	787.6	787.7	784.5	1.19	1.02	0.66	-24.6	-31.9	-33.4	-0.22		
5.3	13.74	791.0	791.1	788.0	1.21	1.04	0.67	-24.8	-32.0	-33.6	-0.22		
5.5	13.38	794.3	794.4	791.3	1.22	1.05	0.68	-24.8	-32.0	-33.6	-0.22		
5.8	13.08	797.6	797.7	794.6	1.22	1.06	0.69	-24.9	-31.9	-33.2	-0.21		
6.0	12.78	800.8	800.9	797.7	1.21	1.06	0.71	-25.0	-31.9	-32.9	-0.21		
6.3	12.38	803.9	804.0	800.8	1.16	1.04	0.72	-25.2	-31.8	-32.8	-0.21		
6.5	12.02	807.6	807.0	803.8	1.19	1.04	0.70	-25.4	-31.7	-33.0	-0.21		
6.8	11.96	810.2	810.0	806.7	1.19	1.04	0.69	-25.7	-31.7	-33.4	-0.20		
7.0	11.56	812.9	812.9	809.6	1.19	1.04	0.69	-25.9	-31.7	-33.5	-0.20		