

Voltage Controlled Oscillator

UOS-EDR5376

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	21.16	671.2	668.7	665.7	1.50	1.52	1.15	-17.5	-36.4	-31.4	-0.24	1	-90
0.5	18.27	675.7	673.2	670.3	1.56	1.56	1.23	-17.7	-35.5	-31.4	-0.18	10	-112
0.8	16.84	679.9	677.4	674.6	1.61	1.59	1.29	-18.1	-35.2	-30.9	-0.14	100	-133
1.0	16.06	683.9	681.4	678.6	1.65	1.62	1.33	-18.3	-35.0	-30.6	-0.12	1000	-151
1.3	15.64	687.8	685.4	682.5	1.71	1.65	1.37	-18.6	-34.6	-30.3	-0.11		
1.5	15.42	691.6	689.2	686.3	1.75	1.69	1.41	-18.8	-33.8	-30.5	-0.10		
1.8	15.33	695.5	693.0	690.1	1.77	1.72	1.44	-19.4	-33.3	-30.4	-0.10		
2.0	15.33	699.3	696.9	693.9	1.80	1.74	1.47	-19.6	-33.2	-30.4	-0.10		
2.3	15.43	703.2	700.7	697.7	1.82	1.76	1.48	-19.6	-33.0	-30.4	-0.10		
2.5	15.54	707.1	704.6	701.6	1.86	1.78	1.49	-19.4	-32.9	-30.6	-0.10		
2.8	15.56	711.0	708.5	705.5	1.88	1.80	1.52	-19.6	-32.9	-30.8	-0.11		
3.0	15.63	714.9	712.4	709.4	1.90	1.82	1.55	-19.8	-33.1	-31.2	-0.13		
3.3	15.66	718.8	716.3	713.2	1.90	1.84	1.57	-20.2	-33.4	-31.0	-0.14		
3.5	15.64	722.7	720.2	717.1	1.89	1.86	1.60	-20.3	-33.1	-30.7	-0.15		
3.8	15.61	726.6	724.1	721.0	1.90	1.87	1.61	-20.3	-32.4	-30.7	-0.17		
4.0	15.58	730.5	728.0	724.9	1.89	1.88	1.62	-20.4	-32.1	-31.2	-0.19		
4.3	15.42	734.4	731.9	728.7	1.89	1.89	1.63	-20.4	-32.1	-31.6	-0.20		
4.5	15.22	738.2	735.7	732.5	1.87	1.90	1.64	-20.5	-32.1	-31.7	-0.22		
4.8	15.00	742.0	739.5	736.2	1.84	1.91	1.65	-20.9	-31.8	-31.9	-0.23		
5.0	14.75	745.7	743.1	739.9	1.84	1.93	1.66	-21.4	-31.5	-31.9	-0.24		
5.3	14.48	749.3	746.8	743.5	1.84	1.95	1.66	-21.6	-31.4	-31.8	-0.25		
5.5	14.26	752.9	750.3	747.1	1.83	1.95	1.65	-21.8	-31.5	-31.6	-0.26		
5.8	14.01	756.4	753.8	750.6	1.84	1.96	1.66	-21.9	-31.2	-31.3	-0.26		
6.0	13.60	759.8	757.2	753.9	1.83	1.97	1.65	-22.1	-30.9	-31.1	-0.26		
6.3	13.26	763.1	760.5	757.2	1.83	1.97	1.66	-22.1	-30.7	-31.3	-0.26		
6.5	12.92	766.4	763.8	760.5	1.83	1.98	1.67	-22.5	-31.0	-31.6	-0.26		
6.8	12.60	769.5	766.9	763.6	1.82	1.99	1.68	-22.6	-31.1	-31.6	-0.25		
7.0	12.26	772.6	770.0	766.6	1.84	2.00	1.68	-23.0	-31.1	-31.7	-0.25		