

Voltage Controlled Oscillator

UOS-EDR5377

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	21.49	689.3	686.8	685.1	1.69	1.76	1.35	-18.5	-39.6	-34.2	-0.21	1	-86
0.5	18.56	693.8	691.4	689.8	1.74	1.79	1.39	-18.9	-39.0	-34.0	-0.15	10	-112
0.8	17.13	698.1	695.7	694.1	1.78	1.83	1.42	-19.2	-38.6	-33.9	-0.12	100	-133
1.0	16.34	702.2	699.8	698.2	1.82	1.87	1.45	-19.4	-37.9	-34.0	-0.10	1000	-150
1.3	15.90	706.2	703.8	702.1	1.86	1.90	1.48	-19.4	-37.3	-34.0	-0.09		
1.5	15.68	710.1	707.7	706.1	1.91	1.94	1.51	-19.6	-37.0	-33.9	-0.09		
1.8	15.60	714.0	711.6	710.0	1.94	1.97	1.52	-19.7	-37.3	-33.5	-0.08		
2.0	15.74	717.9	715.5	713.9	1.96	1.98	1.53	-19.9	-36.6	-33.3	-0.09		
2.3	15.68	721.9	719.5	717.7	1.98	2.00	1.56	-20.2	-36.2	-33.4	-0.09		
2.5	15.72	725.8	723.4	721.7	1.99	2.03	1.62	-20.4	-36.0	-33.4	-0.09		
2.8	15.79	729.8	727.3	725.6	2.02	2.06	1.65	-20.5	-36.2	-33.2	-0.10		
3.0	15.83	733.7	731.3	729.5	2.04	2.09	1.66	-20.7	-35.7	-33.2	-0.12		
3.3	15.86	737.7	735.3	733.5	2.04	2.11	1.68	-20.9	-35.3	-33.0	-0.13		
3.5	15.89	741.7	739.2	737.4	2.04	2.12	1.69	-21.1	-34.9	-33.1	-0.15		
3.8	15.83	745.7	743.2	741.4	2.01	2.14	1.69	-21.2	-35.0	-33.2	-0.17		
4.0	15.71	749.6	747.1	745.3	1.98	2.15	1.67	-21.1	-34.8	-35.8	-0.19		
4.3	15.59	753.6	751.0	749.2	1.98	2.17	1.64	-21.0	-34.6	-36.0	-0.20		
4.5	15.40	757.4	754.9	753.1	1.98	2.19	1.64	-21.0	-34.5	-36.0	-0.22		
4.8	15.23	761.2	758.7	756.9	1.99	2.21	1.66	-21.2	-34.6	-35.9	-0.24		
5.0	15.15	765.0	762.5	760.6	2.00	2.20	1.68	-21.4	-34.0	-36.0	-0.25		
5.3	14.72	768.7	766.1	764.3	2.00	2.21	1.68	-21.8	-33.6	-36.0	-0.26		
5.5	14.38	772.3	769.7	767.9	1.99	2.22	1.69	-21.8	-33.3	-36.1	-0.27		
5.8	14.08	775.8	773.3	771.4	1.98	2.23	1.66	-21.9	-33.1	-36.4	-0.27		
6.0	13.74	779.3	776.7	774.9	1.98	2.24	1.66	-22.0	-33.2	-35.9	-0.27		
6.3	13.40	782.6	780.0	778.2	1.97	2.25	1.67	-21.9	-33.0	-35.6	-0.28		
6.5	13.11	785.9	783.3	781.5	1.98	2.26	1.68	-22.1	-32.9	-35.6	-0.28		
6.8	12.79	789.2	786.5	784.7	1.98	2.26	1.69	-22.4	-33.0	-35.5	-0.27		
7.0	12.44	792.3	789.6	787.8	1.98	2.27	1.71	-22.5	-33.1	-35.3	-0.27		