

Voltage Controlled Oscillator

UOS-EDR5814

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	39.17	252.1	248.2	245.4	-0.74	-0.71	-0.96	-14.9	-23.8	-37.2	-0.45	1	-86
0.5	30.72	259.3	255.9	253.5	-0.83	-0.90	-1.12	-15.4	-23.9	-39.0	-0.26	10	-110
0.8	26.62	265.7	262.5	260.3	-0.95	-1.00	-1.24	-15.8	-24.2	-40.6	-0.06	100	-129
1.0	24.32	271.7	268.6	266.5	-1.08	-1.14	-1.34	-16.2	-24.5	-42.2	-0.13	1000	-146
1.3	23.55	277.6	274.5	272.4	-1.16	-1.25	-1.40	-16.5	-24.9	-43.7	-0.13		
1.5	22.78	283.3	280.2	278.2	-1.22	-1.34	-1.43	-16.8	-25.5	-45.1	-0.06		
1.8	22.53	288.9	285.8	283.8	-1.26	-1.42	-1.46	-17.0	-25.9	-46.5	-0.06		
2.0	22.02	294.4	291.3	289.3	-1.33	-1.50	-1.49	-17.3	-26.2	-47.9	-0.06		
2.3	21.25	299.6	296.6	294.7	-1.42	-1.59	-1.54	-17.7	-26.6	-49.1	-0.13		
2.5	20.74	304.8	301.8	299.8	-1.51	-1.67	-1.62	-18.0	-26.9	-50.3	-0.06		
2.8	19.71	309.8	306.8	304.8	-1.62	-1.69	-1.70	-18.4	-27.4	-50.7	-0.13		
3.0	18.69	314.6	311.4	309.5	-1.73	-1.76	-1.77	-18.8	-27.7	-49.9	-0.19		
3.3	17.66	319.0	315.8	314.0	-1.80	-1.82	-1.82	-19.2	-28.2	-50.3	-0.19		
3.5	16.64	323.1	320.0	318.2	-1.87	-1.88	-1.86	-19.6	-28.7	-50.5	-0.13		
3.8	14.85	326.8	323.7	322.0	-1.92	-1.94	-1.91	-20.0	-29.0	-51.0	-0.19		
4.0	13.31	330.2	327.0	325.5	-1.98	-1.96	-1.95	-20.3	-29.4	-50.8	-0.19		
4.3	12.54	333.2	330.2	328.6	-2.02	-1.96	-1.98	-20.6	-30.0	-50.6	-0.19		
4.5	10.75	335.8	332.9	331.3	-2.07	-1.99	-2.01	-20.9	-30.3	-50.8	-0.19		
4.8	9.47	338.1	335.2	333.7	-2.11	-2.06	-2.04	-21.2	-30.6	-49.1	-0.26		
5.0	8.19	340.0	337.3	335.7	-2.14	-2.08	-2.07	-21.5	-30.9	-48.4	-0.19		