

Voltage Controlled Oscillator

UOS-EDR5218

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	32.53	270.9	268.3	267.6	-0.10	0.75	-0.02	-11.1	-30.7	-46.3	-1.21	1	-86
0.5	31.87	278.8	276.3	275.5	-0.11	0.74	0.05	-11.3	-31.9	-47.1	-1.04	10	-107
0.8	27.93	285.7	283.3	282.6	-0.12	0.66	0.05	-11.9	-32.5	-49.2	-0.79	100	-128
1.0	24.76	291.8	289.5	288.8	-0.12	0.58	0.02	-11.8	-35.1	-51.2	-0.65	1000	-147
1.3	22.73	297.4	295.2	294.5	-0.16	0.49	-0.03	-11.7	-34.7	-51.5	-0.56		
1.5	21.13	302.6	300.5	299.8	-0.25	0.40	-0.10	-12.0	-36.2	-51.3	-0.49		
1.8	19.92	307.5	305.4	304.8	-0.38	0.29	-0.23	-12.5	-36.9	-50.0	-0.45		
2.0	18.96	312.2	310.2	309.6	-0.47	0.19	-0.32	-12.6	-37.3	-49.0	-0.41		
2.3	18.12	316.7	314.7	314.1	-0.58	0.08	-0.42	-12.5	-38.7	-47.4	-0.39		
2.5	17.38	321.0	319.0	318.4	-0.70	-0.02	-0.52	-12.7	-38.6	-47.4	-0.37		
2.8	16.70	325.2	323.2	322.6	-0.78	-0.11	-0.60	-13.2	-38.1	-45.8	-0.37		
3.0	16.04	329.2	327.2	326.6	-0.88	-0.20	-0.68	-14.0	-39.0	-44.1	-0.36		
3.3	15.36	333.0	331.1	330.4	-0.97	-0.29	-0.76	-14.1	-39.6	-44.1	-0.37		
3.5	14.58	336.7	334.7	334.1	-1.05	-0.36	-0.84	-13.6	-39.3	-43.1	-0.37		
3.8	14.07	340.2	338.2	337.6	-1.12	-0.43	-0.91	-13.3	-39.9	-42.4	-0.38		
4.0	13.43	343.6	341.6	341.0	-1.17	-0.50	-0.97	-13.5	-41.4	-42.3	-0.39		
4.3	12.78	346.8	344.8	344.2	-1.22	-0.56	-1.02	-14.1	-42.0	-41.4	-0.40		
4.5	12.16	349.8	347.8	347.2	-1.25	-0.62	-1.07	-14.5	-41.7	-40.9	-0.40		
4.8	11.53	352.6	350.7	350.1	-1.29	-0.68	-1.11	-14.7	-41.6	-40.8	-0.41		
5.0	10.92	355.4	353.4	352.9	-1.33	-0.74	-1.16	-14.6	-42.5	-40.4	-0.40		