

Voltage Controlled Oscillator

MOS-EDR5470

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	25.84	771.5	767.0	763.7	4.86	4.37	3.28	-24.7	-18.1	-36.9	-0.42	1	-89
0.5	22.26	777.0	772.6	769.3	4.91	4.43	3.35	-24.9	-18.0	-36.8	-0.37	10	-109
0.8	20.56	782.2	777.7	774.4	4.96	4.47	3.41	-25.0	-18.0	-36.7	-0.34	100	-130
1.0	19.74	787.1	782.6	779.3	5.02	4.52	3.45	-24.9	-17.9	-36.8	-0.32	1000	-149
1.3	19.13	792.0	787.4	784.1	5.07	4.56	3.50	-24.8	-17.9	-36.7	-0.31		
1.5	18.94	796.7	792.2	788.8	5.11	4.60	3.54	-24.8	-17.8	-36.7	-0.30		
1.8	18.78	801.5	796.9	793.5	5.14	4.64	3.57	-24.8	-17.8	-36.5	-0.30		
2.0	18.85	806.3	801.6	798.2	5.17	4.67	3.60	-24.8	-17.8	-36.5	-0.30		
2.3	18.91	811.0	806.3	802.9	5.22	4.69	3.63	-24.9	-17.8	-36.5	-0.31		
2.5	19.02	815.8	811.0	807.7	5.26	4.72	3.65	-25.0	-17.8	-36.3	-0.31		
2.8	19.11	820.6	815.8	812.5	5.29	4.75	3.68	-25.0	-17.8	-35.9	-0.32		
3.0	19.20	825.4	820.6	817.3	5.35	4.78	3.70	-25.1	-17.9	-35.4	-0.33		
3.3	19.38	830.2	825.5	822.2	5.41	4.82	3.73	-25.1	-17.9	-35.2	-0.34		
3.5	19.20	834.9	830.3	827.0	5.47	4.87	3.76	-25.2	-18.0	-34.8	-0.36		
3.8	19.20	839.7	835.1	831.9	5.52	4.90	3.80	-25.3	-18.1	-34.4	-0.37		
4.0	19.10	844.4	839.8	836.7	5.56	4.92	3.83	-25.6	-18.2	-34.1	-0.39		
4.3	18.98	849.1	844.6	841.5	5.60	4.94	3.85	-25.9	-18.3	-33.7	-0.41		
4.5	18.80	853.7	849.3	846.2	5.64	4.96	3.87	-26.3	-18.4	-33.3	-0.42		
4.8	18.56	858.3	853.9	850.9	5.69	4.98	3.90	-26.7	-18.4	-33.0	-0.43		
5.0	18.31	862.8	858.5	855.5	5.73	4.99	3.93	-27.0	-18.5	-32.9	-0.45		
5.3	17.92	867.2	863.0	860.0	5.76	5.01	3.95	-27.2	-18.6	-32.6	-0.46		
5.5	17.60	871.6	867.4	864.4	5.77	5.03	3.98	-27.5	-18.7	-32.5	-0.47		
5.8	17.31	875.9	871.7	868.8	5.80	5.03	4.00	-27.7	-18.8	-32.3	-0.49		
6.0	16.96	880.1	876.0	873.0	5.84	5.04	4.01	-27.8	-18.9	-32.3	-0.47		
6.3	16.41	884.2	880.1	877.1	5.88	5.07	4.03	-28.2	-19.0	-32.2	-0.47		
6.5	16.03	888.2	884.1	881.1	5.91	5.09	4.07	-28.6	-19.1	-32.1	-0.47		
6.8	15.63	892.1	888.0	885.0	5.93	5.10	4.10	-28.9	-19.1	-32.2	-0.47		
7.0	15.29	895.9	891.8	888.8	5.96	5.11	4.13	-29.4	-19.2	-32.3	-0.47		