

Voltage Controlled Oscillator

MOS-EDR6376A

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	10.64	390.1	388.4	388.2	7.37	8.08	8.08	-23.6	-38.2	-36.8	-0.51	1	-85
0.5	9.61	392.5	390.8	390.6	7.40	8.12	8.11	-23.7	-38.1	-36.5	-0.46	10	-111
0.8	9.24	394.9	393.1	392.9	7.42	8.16	8.14	-23.9	-38.4	-36.2	-0.41	100	-131
1.0	8.90	397.2	395.3	395.2	7.46	8.19	8.17	-24.2	-38.1	-36.0	-0.37	1000	-151
1.3	8.94	399.5	397.6	397.4	7.54	8.22	8.20	-24.3	-38.3	-35.5	-0.32		
1.5	8.88	401.8	399.8	399.7	7.59	8.26	8.25	-24.5	-38.6	-35.2	-0.29		
1.8	9.00	404.0	402.0	402.0	7.63	8.29	8.30	-24.7	-38.9	-34.9	-0.24		
2.0	9.04	406.4	404.3	404.2	7.67	8.33	8.34	-24.8	-39.2	-34.8	-0.24		
2.3	9.32	408.8	406.6	406.5	7.71	8.36	8.38	-24.9	-39.5	-34.6	-0.20		
2.5	9.75	411.2	409.1	408.9	7.76	8.39	8.42	-25.1	-39.9	-34.3	-0.19		
2.8	10.38	413.7	411.7	411.3	7.79	8.45	8.47	-25.2	-39.9	-34.0	-0.16		
3.0	10.06	416.4	414.2	413.8	7.83	8.51	8.51	-25.4	-40.1	-33.7	-0.13		
3.3	10.31	419.1	416.8	416.5	7.89	8.55	8.54	-25.6	-40.5	-33.6	-0.12		
3.5	10.54	421.8	419.4	419.1	7.93	8.59	8.59	-25.8	-40.9	-33.4	-0.12		
3.8	11.01	424.6	422.1	421.8	7.96	8.63	8.63	-26.0	-41.9	-33.0	-0.11		
4.0	11.04	427.5	424.9	424.6	7.99	8.67	8.67	-26.1	-42.2	-33.1	-0.11		
4.3	11.19	430.4	427.7	427.4	8.00	8.69	8.68	-26.2	-42.5	-33.0	-0.07		
4.5	11.63	433.4	430.6	430.2	7.98	8.69	8.69	-26.4	-43.2	-32.9	-0.03		
4.8	11.94	436.5	433.6	433.1	7.95	8.70	8.68	-26.3	-44.1	-32.7	-0.08		
5.0	11.41	439.8	436.4	435.9	8.03	8.71	8.64	-26.2	-44.5	-32.8	-0.10		
5.3	11.37	442.8	439.3	439.0	8.04	8.68	8.61	-26.2	-44.5	-33.0	-0.11		
5.5	11.33	445.8	442.1	441.9	8.00	8.62	8.61	-26.1	-43.3	-33.4	-0.20		
5.8	11.23	448.8	444.9	444.8	7.96	8.51	8.51	-26.0	-41.7	-33.6	-0.70		
6.0	11.75	451.7	447.9	447.7	7.89	8.37	8.40	-26.0	-40.6	-34.0	-1.22		
6.3	12.07	454.5	450.9	450.8	7.78	8.20	8.24	-26.2	-39.6	-34.4	-1.54		
6.5	12.44	457.4	454.0	453.8	7.68	8.00	8.09	-26.2	-38.8	-35.1	-1.72		
6.8	13.40	459.9	457.3	456.9	7.46	7.87	7.96	-26.2	-37.6	-35.4	-1.88		
7.0	12.15	462.6	460.4	460.0	7.19	7.83	7.82	-26.1	-37.1	-35.0	-1.67		