

Voltage Controlled Oscillator

MOS-EDR6438

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	24.58	368.7	365.3	363.3	4.85	4.60	4.41	-28.4	-57.6	-43.6	-2.20	1	-85
0.5	22.10	374.7	371.4	369.6	5.04	4.78	4.60	-29.8	-59.9	-43.3	-1.65	10	-107
0.8	20.74	380.3	377.0	375.2	5.22	4.94	4.75	-30.5	-57.9	-42.5	-1.35	100	-127
1.0	19.88	385.5	382.2	380.4	5.39	5.09	4.89	-31.3	-57.0	-42.4	-1.19	1000	-147
1.3	19.56	390.5	387.1	385.4	5.56	5.24	5.03	-32.3	-55.9	-42.4	-1.07		
1.5	19.16	395.3	392.0	390.3	5.71	5.38	5.15	-33.1	-54.8	-42.4	-1.08		
1.8	19.19	400.0	396.8	395.2	5.89	5.50	5.26	-33.7	-53.5	-42.1	-1.02		
2.0	19.40	404.7	401.6	400.0	6.09	5.66	5.38	-34.7	-51.7	-42.3	-1.05		
2.3	19.62	409.4	406.5	404.9	6.25	5.78	5.49	-35.8	-51.2	-42.7	-1.04		
2.5	19.76	414.0	411.4	409.9	6.33	5.84	5.54	-36.5	-51.1	-43.4	-0.99		
2.8	19.64	418.8	416.3	414.9	6.35	5.86	5.57	-36.6	-51.5	-44.1	-0.93		
3.0	19.27	423.7	421.2	419.8	6.28	5.84	5.56	-36.6	-52.4	-45.1	-0.88		
3.3	18.64	428.7	426.0	424.5	6.10	5.78	5.52	-36.7	-53.5	-45.7	-1.03		
3.5	17.48	433.4	430.7	429.1	5.88	5.68	5.46	-37.1	-53.5	-45.8	-1.07		
3.8	16.49	437.8	435.1	433.5	5.63	5.55	5.35	-37.1	-53.9	-46.1	-0.93		
4.0	15.15	441.9	439.2	437.5	5.31	5.39	5.21	-36.9	-53.9	-46.5	-0.80		
4.3	13.57	445.7	443.0	441.3	4.94	5.20	5.05	-36.5	-54.8	-46.7	-0.68		
4.5	11.92	449.1	446.4	444.7	4.58	5.00	4.88	-36.0	-55.0	-47.1	-0.56		
4.8	10.20	452.0	449.3	447.7	4.26	4.80	4.71	-35.6	-55.1	-47.2	-0.46		
5.0	10.20	454.5	451.9	450.3	3.99	4.63	4.55	-35.3	-54.0	-47.3	-0.33		