

Voltage Controlled Oscillator

MOS-EDR6203

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	42.17	2026.9	2018.1	2006.6	-1.10	-0.42	-0.35	-18.1	-31.8	-41.7	-1.80	1	-78
0.5	36.59	2035.7	2027.3	2016.1	-1.06	-0.35	-0.32	-18.1	-31.7	-41.4	-1.73	10	-103
0.8	33.20	2043.8	2035.6	2024.9	-1.01	-0.31	-0.27	-18.0	-31.6	-41.0	-1.72	100	-123
1.0	31.04	2051.4	2043.3	2032.9	-0.97	-0.28	-0.20	-18.0	-31.6	-40.3	-1.71	1000	-143
1.3	29.46	2058.8	2050.7	2040.4	-0.96	-0.23	-0.15	-18.1	-31.8	-40.1	-1.70		
1.5	28.27	2066.0	2057.8	2047.5	-0.95	-0.22	-0.13	-17.9	-31.7	-39.8	-1.71		
1.8	27.90	2072.9	2064.7	2054.3	-0.96	-0.21	-0.13	-17.9	-31.6	-39.2	-1.75		
2.0	26.85	2079.5	2071.5	2061.0	-0.97	-0.20	-0.13	-17.9	-31.3	-39.3	-1.70		
2.3	25.80	2085.9	2077.9	2067.5	-0.98	-0.21	-0.12	-17.9	-31.0	-39.1	-1.67		
2.5	25.25	2092.3	2084.2	2073.9	-0.97	-0.19	-0.10	-17.9	-30.9	-38.6	-1.65		
2.8	24.80	2098.6	2090.4	2080.1	-0.95	-0.16	-0.06	-17.8	-30.6	-38.2	-1.65		
3.0	24.76	2104.9	2096.6	2086.3	-0.90	-0.13	-0.02	-17.7	-30.6	-37.8	-1.68		
3.3	24.69	2111.0	2102.8	2092.3	-0.87	-0.11	-0.01	-17.9	-30.5	-37.2	-1.65		
3.5	24.03	2117.0	2108.8	2098.2	-0.88	-0.09	-0.01	-17.9	-30.5	-37.1	-1.61		
3.8	23.78	2122.9	2114.7	2104.2	-0.90	-0.09	-0.01	-17.9	-30.6	-36.9	-1.60		
4.0	23.59	2128.9	2120.6	2110.2	-0.93	-0.12	-0.02	-17.9	-30.5	-36.8	-1.59		
4.3	23.44	2134.8	2126.5	2116.0	-0.93	-0.11	0.00	-17.9	-30.4	-36.5	-1.57		
4.5	23.34	2140.7	2132.3	2121.8	-0.91	-0.09	0.04	-17.8	-30.3	-36.6	-1.56		
4.8	23.27	2146.6	2138.1	2127.6	-0.89	-0.08	0.05	-17.8	-30.5	-36.1	-1.55		
5.0	23.33	2152.6	2144.0	2133.4	-0.85	-0.07	0.06	-17.9	-30.6	-35.8	-1.55		
5.3	23.60	2158.5	2149.9	2139.2	-0.84	-0.08	0.06	-17.8	-30.4	-35.6	-1.54		
5.5	23.49	2164.4	2155.7	2144.9	-0.83	-0.03	0.06	-17.8	-30.1	-35.6	-1.51		
5.8	23.45	2170.3	2161.6	2150.8	-0.83	0.00	0.07	-17.6	-30.5	-35.5	-1.50		
6.0	23.49	2176.2	2167.5	2156.6	-0.84	0.01	0.12	-17.7	-30.6	-35.1	-1.48		
6.3	23.59	2182.3	2173.4	2162.5	-0.85	0.00	0.15	-17.7	-30.8	-35.2	-1.47		
6.5	23.80	2188.3	2179.3	2168.4	-0.85	-0.02	0.15	-17.7	-30.4	-35.1	-1.46		
6.8	24.06	2194.3	2185.3	2174.3	-0.85	-0.03	0.14	-17.6	-30.3	-35.1	-1.45		
7.0	24.11	2200.4	2191.4	2180.2	-0.84	-0.01	0.13	-17.6	-30.5	-34.2	-1.43		