

Voltage Controlled Oscillator

MOS-EDR6206

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	5.82	126.0	125.2	124.6	8.02	8.23	8.06	-18.0	-40.4	-44.5	-0.21	1	-95
0.5	5.16	127.3	126.5	125.9	7.98	8.20	8.02	-18.3	-40.6	-44.3	-0.19	10	-114
0.8	4.76	128.5	127.7	127.1	7.94	8.16	7.99	-18.5	-40.9	-44.5	-0.18	100	-134
1.0	4.52	129.6	128.9	128.2	7.89	8.13	7.96	-18.8	-41.3	-44.7	-0.18	1000	-154
1.3	4.38	130.7	129.9	129.3	7.84	8.09	7.92	-19.1	-41.7	-44.7	-0.17		
1.5	4.28	131.7	131.0	130.4	7.79	8.05	7.89	-19.3	-41.9	-44.6	-0.17		
1.8	4.22	132.8	132.1	131.4	7.75	8.02	7.85	-19.6	-42.3	-44.6	-0.17		
2.0	4.21	133.9	133.1	132.5	7.70	7.97	7.82	-19.8	-42.5	-44.8	-0.18		
2.3	4.23	134.9	134.2	133.5	7.64	7.93	7.78	-20.1	-42.5	-45.1	-0.18		
2.5	4.24	136.0	135.2	134.6	7.59	7.88	7.74	-20.3	-42.7	-45.3	-0.18		
2.8	4.26	137.1	136.3	135.7	7.53	7.83	7.70	-20.5	-42.9	-45.3	-0.19		
3.0	4.30	138.1	137.4	136.7	7.47	7.77	7.65	-20.7	-43.2	-44.8	-0.19		
3.3	4.34	139.2	138.5	137.8	7.41	7.72	7.59	-20.9	-43.5	-45.0	-0.20		
3.5	4.37	140.3	139.6	138.9	7.34	7.66	7.53	-21.1	-43.7	-45.1	-0.21		
3.8	4.40	141.4	140.7	140.0	7.26	7.59	7.46	-21.3	-43.7	-45.2	-0.21		
4.0	4.39	142.5	141.8	141.1	7.19	7.52	7.39	-21.5	-44.0	-45.1	-0.22		
4.3	4.38	143.6	142.9	142.2	7.11	7.45	7.31	-21.7	-44.3	-45.2	-0.23		
4.5	4.36	144.7	143.9	143.3	7.03	7.37	7.24	-21.9	-44.7	-45.2	-0.24		
4.8	4.32	145.8	145.0	144.4	6.95	7.29	7.16	-22.1	-44.9	-45.5	-0.26		
5.0	4.26	146.8	146.1	145.4	6.86	7.21	7.07	-22.3	-45.2	-45.7	-0.26		
5.3	4.21	147.9	147.1	146.5	6.77	7.13	6.98	-22.5	-45.2	-45.2	-0.27		
5.5	4.12	148.9	148.2	147.5	6.68	7.04	6.90	-22.7	-45.2	-45.7	-0.28		
5.8	4.01	149.9	149.2	148.5	6.58	6.96	6.81	-22.9	-45.3	-46.0	-0.28		
6.0	3.91	150.9	150.2	149.5	6.49	6.87	6.72	-23.1	-45.5	-46.1	-0.29		
6.3	3.81	151.8	151.1	150.5	6.40	6.79	6.64	-23.3	-45.6	-46.3	-0.29		
6.5	3.69	152.7	152.0	151.4	6.31	6.70	6.55	-23.6	-45.8	-46.2	-0.30		
6.8	3.58	153.6	152.9	152.3	6.22	6.61	6.46	-23.7	-45.9	-46.4	-0.30		
7.0	3.46	154.5	153.8	153.2	6.13	6.53	6.38	-23.9	-45.9	-46.6	-0.30		