

Voltage Controlled Oscillator

MOS-EDR5768

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	30.29	934.8	931.1	928.7	0.25	0.31	-0.46	-19.7	-38.4	-36.7	-0.22	1	-84
0.5	27.48	941.5	938.0	935.6	0.35	0.46	-0.29	-20.1	-38.5	-36.0	-0.17	10	-108
0.8	25.00	947.8	944.2	941.8	0.41	0.56	-0.14	-20.4	-38.9	-35.4	-0.15	100	-129
1.0	23.82	953.8	950.2	947.6	0.47	0.62	-0.04	-20.7	-38.4	-34.5	-0.12	1000	-146
1.3	23.05	959.6	956.0	953.3	0.51	0.70	0.08	-21.0	-37.5	-34.1	-0.10		
1.5	22.45	965.3	961.6	958.8	0.58	0.80	0.18	-21.4	-37.3	-33.6	-0.09		
1.8	22.09	970.9	967.1	964.2	0.68	0.91	0.31	-21.8	-37.3	-33.4	-0.08		
2.0	21.77	976.3	972.5	969.5	0.75	0.99	0.43	-22.1	-37.0	-33.1	-0.07		
2.3	21.48	981.7	977.9	974.8	0.79	1.06	0.52	-22.5	-36.6	-33.0	-0.06		
2.5	21.36	987.2	983.2	980.1	0.84	1.10	0.60	-22.9	-36.3	-33.3	-0.08		
2.8	21.48	992.5	988.6	985.3	0.89	1.14	0.65	-23.5	-36.2	-33.2	-0.07		
3.0	20.72	997.7	993.8	990.5	0.94	1.21	0.72	-23.9	-36.3	-32.7	-0.08		
3.3	20.34	1002.8	998.9	995.5	0.99	1.27	0.80	-24.2	-35.7	-32.7	-0.08		
3.5	19.92	1007.7	1003.9	1000.5	1.02	1.31	0.86	-24.5	-35.4	-33.2	-0.10		
3.8	19.51	1012.6	1008.7	1005.3	1.02	1.33	0.91	-24.9	-35.3	-32.7	-0.12		
4.0	18.93	1017.2	1013.5	1010.1	1.02	1.35	0.94	-25.3	-35.1	-32.5	-0.14		
4.3	18.35	1021.7	1018.1	1014.7	1.01	1.35	0.96	-25.5	-34.6	-33.5	-0.16		
4.5	17.83	1026.1	1022.5	1019.1	1.02	1.37	1.01	-25.7	-34.3	-34.0	-0.18		
4.8	17.13	1030.3	1026.8	1023.4	1.00	1.37	1.02	-25.9	-34.1	-33.2	-0.20		
5.0	16.37	1034.3	1030.9	1027.5	0.95	1.36	1.03	-26.1	-34.0	-32.0	-0.22		
5.3	15.75	1038.3	1034.8	1031.5	0.88	1.34	1.04	-26.3	-33.6	-32.1	-0.24		
5.5	15.40	1042.2	1038.7	1035.2	0.86	1.28	1.02	-26.5	-33.1	-32.9	-0.26		
5.8	15.00	1045.7	1042.4	1038.9	0.85	1.25	0.99	-26.7	-32.8	-32.8	-0.27		
6.0	13.83	1049.1	1045.9	1042.5	0.81	1.26	0.97	-26.8	-32.7	-32.3	-0.26		