

Voltage Controlled Oscillator

JTOS-ED6640/3

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	16.90	1025.9	1024.4	1021.1	3.50	3.65	2.58	-37.1	-26.4	-46.8	0.09	1	-89
0.5	15.70	1030.0	1028.3	1025.1	3.61	3.74	2.61	-37.0	-26.3	-47.3		10	-114
0.8	15.00	1033.9	1032.1	1028.8	3.70	3.81	2.81	-36.6	-25.9	-47.7		100	-133
1.0	14.70	1037.6	1035.8	1032.5	4.36	3.90	3.00	-36.8	-26.0	-47.8		1000	-150
1.3	14.50	1041.3	1039.4	1036.2	4.45	3.95	3.74	-36.7	-25.7	-47.9	0.09		
1.5	14.50	1045.0	1043.0	1039.8	4.55	4.00	3.87	-36.7	-25.6	-48.2			
1.8	14.60	1048.7	1046.7	1043.4	4.56	4.07	4.00	-36.6	-25.6	-49.1			
2.0	14.80	1052.4	1050.3	1047.1	4.63	4.11	4.10	-36.8	-25.3	-49.5			
2.3	15.00	1056.2	1054.1	1050.8	4.76	4.15	4.21	-36.7	-25.4	-48.7	0.08		
2.5	15.30	1060.1	1057.9	1054.6	4.80	4.22	4.28	-36.8	-25.4	-49.3			
2.8	15.50	1064.0	1061.8	1058.4	4.85	4.26	4.42	-36.8	-25.5	-50.3			
3.0	15.80	1067.9	1065.7	1062.3	4.96	4.34	4.50	-36.7	-25.5	-49.7			
3.3	16.00	1072.0	1069.7	1066.3	4.97	4.40	4.64	-36.8	-25.9	-50.3	0.05		
3.5	16.20	1076.0	1073.8	1070.3	4.87	4.47	4.69	-37.0	-26.0	-50.0			
3.8	16.30	1080.1	1077.9	1074.3	4.90	4.42	4.74	-36.9	-26.2	-50.9			
4.0	16.30	1084.2	1081.9	1078.3	4.95	4.49	4.64	-36.8	-26.3	-50.8			
4.3	16.30	1088.3	1086.0	1082.4	4.90	4.71	4.69	-36.9	-26.6	-51.6	0.04		
4.5	16.20	1092.4	1090.1	1086.4	4.97	4.77	4.66	-36.8	-26.6	-51.4			
4.8	16.10	1096.4	1094.1	1090.4	4.72	4.85	4.70	-36.9	-26.9	-51.4			
5.0	15.90	1100.4	1098.1	1094.4	4.79	4.91	4.77	-36.4	-27.3	-50.9			