

Voltage Controlled Oscillator

JTOS-ED4883/5

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	34.10	445.3	438.1	428.4	9.81	10.35	10.07	-42.7	-51.4	-44.2	0.88	1	-77
0.5	31.30	452.7	446.0	436.8	10.05	10.64	10.29	-41.4	-51.9	-45.2		10	-100
0.8	27.50	459.1	452.8	444.1	10.20	10.76	10.42	-40.6	-51.5	-43.6		100	-120
1.0	23.20	464.5	458.6	450.1	10.26	10.84	10.41	-40.2	-51.7	-43.7	0.46	1000	-138
1.3	20.40	469.3	463.7	455.4	10.40	10.85	10.43	-40.4	-50.7	-43.4			
1.5	18.90	473.6	468.4	460.2	10.41	10.94	10.40	-40.2	-51.0	-42.9			
1.8	18.10	477.5	473.0	464.8	10.48	10.92	10.37	-40.2	-50.0	-42.2			
2.0	18.10	481.5	477.5	469.2	10.45	10.95	10.39	-40.1	-49.0	-41.3	0.15		
2.3	18.70	485.8	482.2	473.8	10.50	10.88	10.35	-40.2	-48.6	-40.2			
2.5	19.50	490.4	487.0	478.5	10.41	10.92	10.41	-40.2	-47.7	-39.2			
2.8	19.80	495.2	492.0	483.4	10.52	10.83	10.39	-40.1	-46.7	-38.4			
3.0	19.50	500.0	496.8	488.2	10.33	10.97	10.46	-40.0	-45.8	-38.3	0.55		
3.3	19.20	504.7	501.6	492.9	10.08	10.79	10.40	-39.9	-44.8	-37.6			
3.5	18.70	509.4	506.3	497.6	9.80	10.58	10.54	-39.9	-44.6	-36.9			
3.8	18.40	514.0	510.9	502.2	9.44	10.30	10.40	-39.6	-43.3	-35.8			
4.0	18.10	518.5	515.4	506.7	9.11	10.05	10.21	-39.6	-42.3	-34.8	0.46		
4.3	17.80	523.0	519.9	511.1	8.67	9.66	9.97	-39.2	-41.4	-33.7			
4.5	17.60	527.5	524.3	515.5	8.20	9.24	9.75	-38.6	-40.8	-33.0			
4.8	17.40	531.9	528.6	519.8	7.68	8.83	9.42	-38.4	-40.2	-32.2			
5.0	17.20	536.3	532.9	524.0	7.10	8.34	9.03	-38.0	-39.2	-31.9	0.21		