

Voltage Controlled Oscillator

JTOS-EDR4679

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			
0.5	39.00	316.8	311.8	307.5	7.98	7.40	6.09	-21.2	-53.3	-40.2	-0.19	1	-81
1.0	29.70	331.5	326.7	322.5	9.32	9.13	7.67	-22.9	-46.5	-44.4	-0.13	10	-98
1.5	26.50	344.9	339.9	336.0	10.06	10.00	8.24	-26.3	-44.0	-47.6	-0.13	100	-119
2.0	25.20	357.7	352.5	348.6	10.44	10.38	8.55	-30.0	-43.6	-47.5	-0.13	1000	-141
2.5	23.70	369.8	364.4	360.5	10.60	10.48	8.77	-33.2	-43.0	-46.8	-0.19		
3.0	23.00	381.6	375.9	371.8	10.64	10.47	8.99	-35.9	-43.5	-47.3	-0.06		
3.5	22.70	392.8	387.2	383.0	10.55	10.40	9.11	-38.0	-44.7	-46.7	-0.26		
4.0	21.60	403.8	398.0	393.6	10.29	10.19	9.02	-40.6	-44.9	-44.3	-0.13		
4.5	21.20	413.4	408.6	404.6	9.30	9.75	8.84	-42.3	-44.9	-42.5	-0.32		
5.0	24.80	426.1	421.1	416.9	8.55	9.49	8.78	-40.6	-46.7	-40.4	-0.38		
5.5	26.90	439.9	434.5	429.8	8.76	9.81	9.06	-38.2	-52.5	-40.2	-0.19		
6.0	26.40	453.1	447.7	442.9	9.03	10.09	9.26	-36.0	-58.7	-43.0	-0.38		
6.5	26.90	466.9	461.1	456.1	8.98	10.10	9.30	-33.7	-58.4	-47.7	-0.32		
7.0	27.30	480.7	474.8	469.2	8.81	10.00	9.21	-32.0	-52.1	-50.7	-0.32		
7.5	27.00	494.5	488.3	482.4	8.65	9.82	9.06	-30.5	-48.8	-53.0	-0.64		
8.0	26.20	508.0	501.4	494.9	8.51	9.58	8.88	-29.9	-47.7	-52.3	-0.64		
8.5	24.80	520.6	513.8	506.4	8.28	9.30	8.62	-29.7	-45.9	-50.3	-0.58		
9.0	20.00	530.8	523.8	515.7	7.91	8.92	8.17	-30.1	-46.7	-48.0	-0.83		
9.5	15.60	536.8	531.6	528.6	7.08	8.25	7.45	-32.4	-49.9	-45.8	-0.96		
10.0	31.60	552.6	547.4	544.3	6.34	7.60	6.73	-32.6	-51.5	-43.8	-0.90		