

Voltage Controlled Oscillator

JTOS-ED7307A/2

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			
1.0	5.73	64.8	64.2	63.7	10.00	10.11	9.85	-21.6	-32.9	-47.7	0.15	1	-90
2.0	5.51	70.3	69.7	69.2	10.26	10.39	10.06	-20.3	-33.6	-49.2	0.09	10	-111
3.0	4.80	75.1	74.5	74.0	10.28	10.35	10.03	-19.5	-33.5	-46.8	0.06	100	-131
4.0	4.55	79.8	79.0	78.6	10.20	10.24	9.93	-19.0	-32.8	-44.9	0.04	1000	-151
5.0	4.62	84.4	83.6	83.1	10.07	10.10	9.82	-18.6	-31.9	-43.7	0.01		
6.0	4.81	89.2	88.4	88.0	9.88	9.93	9.67	-18.5	-30.7	-41.8	0.01		
7.0	5.15	94.4	93.6	93.0	9.71	9.75	9.51	-18.5	-30.0	-41.0	0.01		
8.0	5.47	99.9	99.1	98.5	9.49	9.57	9.31	-18.8	-29.2	-39.3	0.02		
9.0	5.76	105.7	104.8	104.2	9.28	9.34	9.09	-19.2	-29.2	-39.2	0.04		
10.0	5.93	111.8	110.7	110.3	9.02	9.11	8.87	-19.9	-28.6	-38.6	0.10		
11.0	6.39	118.0	117.1	116.5	8.77	8.89	8.60	-20.5	-28.2	-37.4	0.09		
12.0	6.29	124.6	123.4	122.8	8.51	8.61	8.35	-21.1	-28.3	-38.7	0.08		
13.0	6.65	131.2	130.1	129.5	8.22	8.37	8.09	-22.3	-27.5	-38.4	0.13		
14.0	7.01	138.1	137.1	136.4	7.92	8.10	7.77	-23.4	-27.4	-37.6	0.12		