

Voltage Controlled Oscillator

JTOS-EDR4083

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	11.00	92.3	90.2	89.1	15.90	15.18	14.57	-8.8	-16.4	-40.2	-0.38	1	-86
2.0	9.20	100.9	99.4	98.5	14.95	14.23	13.63	-8.8	-18.2	-28.5	-0.51	10	-106
3.0	9.00	110.0	108.4	107.5	14.65	13.80	13.19	-9.0	-19.1	-25.8	-0.58	100	-126
4.0	8.30	118.1	116.7	115.7	14.67	13.77	13.08	-9.0	-18.7	-27.5	-0.38	1000	-143
5.0	7.80	125.8	124.5	123.5	14.71	13.72	13.01	-9.0	-18.6	-29.1	-0.26		
6.0	7.70	133.5	132.2	131.2	14.71	13.72	13.00	-9.0	-18.2	-30.1	-0.26		
7.0	7.80	141.3	140.0	139.0	14.69	13.73	12.95	-9.1	-17.9	-31.1	-0.32		
8.0	7.90	149.3	147.8	146.9	14.58	13.74	12.91	-9.1	-17.8	-32.3	-0.38		
9.0	8.00	157.2	155.8	154.9	14.36	13.76	12.90	-9.2	-17.7	-32.1	-0.38		
10.0	7.90	165.1	163.7	162.9	14.19	13.78	12.90	-9.3	-17.5	-31.8	-0.51		
11.0	7.90	172.9	171.6	170.7	13.92	13.76	12.91	-9.3	-17.3	-31.4	-0.51		
12.0	7.40	180.2	179.0	178.2	13.68	13.68	12.89	-9.5	-17.0	-31.3	-0.58		
13.0	7.10	187.4	186.1	185.3	13.38	13.56	12.86	-9.5	-17.0	-31.8	-0.58		
14.0	6.70	193.9	192.8	191.9	13.15	13.42	12.80	-9.5	-17.3	-32.4	-0.64		
15.0	6.10	200.0	198.9	198.1	12.88	13.24	12.68	-9.6	-17.8	-32.9	-0.58		
16.0	5.60	205.6	204.5	203.7	12.62	13.02	12.47	-9.6	-18.3	-34.4	-0.51		
17.0	4.90	210.5	209.4	208.5	12.37	12.76	12.19	-9.6	-18.9	-36.6	-0.51		
18.0	4.40	215.0	213.8	212.7	12.14	12.47	11.73	-9.6	-19.6	-41.0	-0.32		
19.0	3.80	218.9	217.7	216.2	11.93	12.13	10.96	-9.8	-20.5	-51.0	-0.13		
20.0	3.30	222.4	220.9	218.8	11.72	11.70	9.34	-10.1	-21.9	-46.4	0.19		