

Voltage Controlled Oscillator

JTOS-EDR4392/1

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	15.40	137.3	135.8	134.5	8.21	8.14	7.69	-24.0	-63.4	-67.6	-0.26	1	-80
2.0	9.90	147.3	145.7	144.3	8.93	8.99	8.76	-29.7	-52.3	-75.7	-0.13	10	-106
3.0	8.70	155.9	154.4	153.0	9.20	9.38	9.21	-35.2	-49.1	-74.2	-0.06	100	-127
4.0	8.30	164.3	162.7	161.2	9.39	9.67	9.46	-37.9	-47.2	-69.4	-0.06	1000	-153
5.0	8.40	173.1	171.1	169.6	9.57	9.87	9.63	-35.1	-45.8	-67.0			
6.0	9.10	181.9	180.2	178.6	9.67	9.98	9.77	-32.7	-45.1	-68.8	-0.13		
7.0	10.00	192.3	190.2	188.3	9.74	10.12	9.92	-31.5	-44.2	-67.1			
8.0	10.60	202.6	200.8	199.0	9.78	10.24	9.99	-30.6	-43.5	-65.0	-0.19		
9.0	11.80	214.9	212.6	210.4	9.90	10.30	9.97	-29.7	-43.0	-65.4	-0.13		
10.0	12.10	226.6	224.7	223.1	9.77	10.11	9.91	-29.5	-45.0	-79.0	-0.32		
11.0	13.80	240.4	238.5	236.3	9.55	10.00	9.85	-29.0	-44.4	-70.7	-0.19		
12.0	13.10	253.6	251.5	249.0	9.40	9.87	9.62	-27.7	-43.5	-68.7			
13.0	13.20	266.6	264.7	262.9	9.05	9.50	9.23	-27.3	-44.5	-71.5	-0.38		
14.0	14.80	281.8	279.6	277.3	8.66	9.12	8.91	-26.2	-44.8	-79.0	-0.26		
15.0	13.90	295.7	293.4	290.9	8.24	8.72	8.60	-25.6	-45.3	-69.6	-0.19		
16.0	13.10	308.5	306.5	304.5	7.71	8.24	8.19	-25.2	-45.8	-64.7	-0.70		
17.0	13.80	322.5	320.3	318.2	7.17	7.68	7.70	-24.5	-45.6	-64.0	-0.90		