

Voltage Controlled Oscillator

JTOS-EDR4681

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	22.90	199.5	196.0	193.7	8.00	7.75	6.94	-24.7	-36.5	-45.0	-0.19	1	-83
1.0	18.30	208.4	205.2	203.1	8.72	8.46	7.66	-25.4	-38.7	-47.0	-0.32	10	-100
1.5	16.50	216.3	213.4	211.1	8.93	8.88	8.14	-24.0	-42.6	-47.3	-0.26	100	-122
2.0	14.80	223.8	220.9	218.5	9.27	9.32	8.56	-22.6	-49.1	-46.4	-0.26	1000	-142
2.5	14.00	231.0	227.8	225.4	9.78	9.78	8.92	-21.7	-58.4	-45.8	-0.26		
3.0	13.40	237.8	234.6	232.2	10.24	10.15	9.23	-20.9	-59.2	-45.4	-0.26		
3.5	13.40	244.5	241.3	239.0	10.56	10.44	9.51	-20.6	-58.0	-45.8	-0.32		
4.0	13.80	251.1	248.2	245.9	10.78	10.72	9.75	-20.2	-57.1	-47.1	-0.38		
4.5	14.10	258.2	255.2	252.7	11.07	11.01	9.96	-20.0	-55.2	-49.0	-0.38		
5.0	14.30	265.5	262.4	259.7	11.33	11.25	10.13	-20.0	-52.8	-49.8	-0.32		
5.5	14.70	273.3	269.8	266.6	11.62	11.41	10.26	-20.4	-51.6	-49.1	-0.26		
6.0	14.70	281.0	277.1	273.7	11.74	11.47	10.35	-20.7	-51.4	-47.8	-0.26		
6.5	15.10	288.8	284.7	281.2	11.80	11.44	10.37	-21.0	-52.5	-47.3	-0.26		
7.0	15.40	296.7	292.4	289.1	11.67	11.33	10.37	-21.6	-57.9	-47.7	-0.26		
7.5	15.90	304.6	300.3	297.4	11.32	11.17	10.41	-22.1	-55.9	-47.8	-0.51		
8.0	17.40	312.6	309.0	306.1	10.92	11.11	10.51	-23.2	-47.2	-47.6	-0.51		
8.5	18.20	321.6	318.1	314.9	10.76	11.16	10.58	-24.6	-43.2	-47.7	-0.45		
9.0	18.20	331.1	327.2	323.7	10.76	11.21	10.53	-26.1	-41.1	-48.5	-0.45		
9.5	17.90	340.4	336.1	332.5	10.77	11.20	10.37	-27.8	-40.4	-50.0	-0.45		
10.0	17.40	349.4	344.8	341.3	10.82	11.14	10.14	-29.2	-40.7	-51.8	-0.51		