

Voltage Controlled Oscillator

JTOS-ED7040/3

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	7.40	277.5	276.3	275.2	6.89	6.87	6.50	-20.6	-39.4	-53.9	0.02	1	-87
2.0	5.30	282.8	281.6	280.6	7.96	8.20	8.01	-21.6	-43.4	-54.7	0.12	10	-108
3.0	4.70	287.5	286.2	285.2	7.81	8.20	8.23	-22.1	-44.7	-55.7	0.09	100	-128
4.0	4.40	291.9	290.6	289.6	7.89	8.28	8.36	-22.5	-44.3	-54.5	0.06	1000	-148
5.0	4.30	296.2	295.0	293.9	8.08	8.34	8.39	-22.9	-44.5	-55.5	0.00		
6.0	4.40	300.6	299.4	298.2	8.08	8.50	8.54	-23.4	-44.7	-53.4	0.20		
7.0	4.60	305.2	304.0	302.9	8.09	8.45	8.48	-23.8	-45.0	-53.3	0.21		
8.0	5.00	310.3	309.0	307.8	7.96	8.39	8.42	-24.5	-45.7	-53.2	0.20		
9.0	5.40	315.8	314.4	313.0	7.90	8.18	8.26	-25.5	-47.7	-53.0	0.20		
10.0	5.50	321.4	319.9	318.3	7.62	8.06	8.23	-26.4	-51.4	-54.4	0.02		
11.0	5.30	326.8	325.1	323.4	7.33	7.81	8.06	-27.1	-52.5	-55.1	0.06		
12.0	4.70	331.5	329.8	328.0	7.11	7.61	7.87	-27.3	-49.8	-55.6	0.13		