

Voltage Controlled Oscillator

JTOS-EDR4223

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	24.30	264.5	261.0	257.9	8.60	8.17	7.69	-23.1	-59.1	-51.0	-0.19	1	-80
2.0	16.80	281.8	277.8	274.4	9.67	9.50	9.19	-26.7	-52.9	-48.4	-0.13	10	-102
3.0	14.50	296.7	292.3	289.6	9.88	9.83	9.59	-30.7	-50.7	-45.5	-0.26	100	-121
4.0	15.70	311.6	308.0	305.7	9.93	9.95	9.90	-33.3	-53.8	-45.0	-0.19	1000	-144
5.0	15.90	327.5	323.9	321.0	9.91	10.13	10.19	-35.4	-61.0	-47.4	-0.06		
6.0	15.90	343.5	339.8	336.4	9.90	10.30	10.30	-36.9	-55.3	-54.1	0.06		
7.0	16.40	360.6	356.2	352.5	9.86	10.24	10.13	-37.3	-52.5	-53.0	-0.06		
8.0	17.70	378.6	373.9	370.0	9.65	10.01	9.92	-36.4	-52.3	-50.3	-0.19		
9.0	17.70	396.5	391.6	387.7	9.40	9.80	9.69	-35.8	-51.3	-50.0	-0.26		
10.0	17.40	413.8	409.0	405.4	9.12	9.53	9.43	-35.9	-50.5	-49.1	-0.19		
11.0	15.90	429.4	425.0	422.0	8.77	9.22	9.22	-37.0	-51.5	-44.1	-0.13		
12.0	18.10	446.7	443.1	439.8	8.44	8.87	8.91	-36.7	-51.2	-41.6	-0.64		
13.0	17.60	465.3	460.7	457.0	8.18	8.62	8.53	-35.4	-51.9	-43.1	-0.38		
14.0	15.90	481.2	476.6	472.3	7.93	8.34	8.16	-34.2	-50.9	-39.9	-0.19		
15.0	13.50	495.4	490.1	485.8	7.69	7.99	7.81	-34.0	-50.8	-39.1	-0.13		
16.0	11.90	507.4	502.0	497.6	7.39	7.66	7.56	-33.8	-51.7	-39.5	-0.13		
17.0	10.40	518.1	512.5	508.0	7.07	7.37	7.35	-33.8	-51.9	-39.7	-0.06		