

# Voltage Controlled Oscillator

# JTOS-200+

## 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	9.20	90.3	90.1	87.8	9.87	10.31	10.02	-28.6	-36.0	-51.5	0.15	1	-84
2.0	8.50	99.1	98.7	96.6	10.25	10.92	10.61	-28.3	-36.7	-53.5	0.24	10	-105
3.0	7.90	106.9	106.6	104.1	10.39	11.06	10.77	-26.7	-37.3	-54.2	0.16	100	-124
4.0	7.50	114.2	114.1	111.2	10.47	11.05	10.81	-25.7	-37.9	-58.2	0.17	1000	-145
5.0	7.50	121.5	121.6	118.4	10.43	10.97	10.73	-25.1	-38.5	-57.9	0.13		
6.0	7.70	129.1	129.3	125.8	10.39	10.82	10.60	-25.3	-38.9	-54.1	0.15		
7.0	7.80	136.9	137.1	133.6	10.30	10.71	10.46	-25.0	-38.4	-50.3	0.20		
8.0	8.00	145.1	145.1	141.6	10.23	10.51	10.27	-25.3	-38.5	-48.5	0.22		
9.0	7.80	153.1	153.0	149.8	10.22	10.31	10.08	-26.1	-38.0	-46.8	0.26		
10.0	7.90	161.3	160.8	157.9	10.17	10.14	9.94	-26.6	-36.7	-44.6	0.18		
11.0	7.60	169.3	168.5	166.1	9.89	9.94	9.73	-27.3	-36.5	-44.0	0.25		
12.0	7.90	177.6	176.4	174.4	9.71	9.73	9.49	-28.3	-35.8	-43.6	0.12		
13.0	7.60	185.6	184.0	182.6	9.54	9.53	9.26	-29.3	-35.6	-43.4	0.10		
14.0	8.00	194.5	192.0	191.3	9.32	9.30	9.03	-30.7	-34.8	-43.1	0.15		
15.0	8.00	203.0	200.0	199.7	9.15	9.06	8.75	-30.4	-34.2	-43.6	0.15		
16.0	7.90	211.2	207.9	208.2	9.00	8.86	8.52	-30.5	-35.3	-43.9	0.33		

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