

Voltage Controlled Oscillator

JTOS-3000+

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	176.10	2226.0	2198.7	2174.9	11.25	11.52	11.44	-14.0	-32.3	-33.8	1.61	1	-60
2.0	157.20	2384.5	2355.9	2330.3	12.05	12.15	12.37	-25.3	-37.5	-40.0	2.98	10	-90
3.0	149.90	2532.4	2505.8	2480.2	12.25	12.53	12.70	-27.9	-32.5	-36.4	3.09	100	-110
4.0	134.50	2667.4	2640.3	2613.3	12.58	12.79	12.31	-29.9	-32.1	-34.9	5.47	1000	-130
5.0	110.80	2777.1	2751.0	2722.3	12.42	11.97	11.96	-24.7	-31.2	-36.9	3.11		
6.0	85.80	2861.8	2836.8	2808.0	11.59	11.96	11.85	-25.0	-30.6	-36.8	0.43		
7.0	68.60	2926.7	2905.4	2876.6	10.59	10.95	10.86	-24.7	-31.2	-39.0	2.19		
8.0	55.20	2981.9	2960.6	2929.4	10.60	10.44	9.79	-24.2	-31.5	-42.5	2.80		
9.0	43.80	3023.0	3004.4	2975.1	10.09	10.29	9.72	-24.0	-32.0	-43.8	2.62		
10.0	35.50	3060.5	3039.9	3009.8	9.03	9.48	9.18	-24.8	-34.5	-45.0	2.24		
11.0	30.40	3088.6	3070.3	3037.9	8.33	8.54	7.90	-25.2	-36.8	-44.8	0.80		
12.0	21.70	3108.8	3092.0	3062.0	7.90	8.14	6.65	-25.5	-38.3	-44.3	0.32		

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