

Voltage Controlled Oscillator

JTOS-200P+

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	11.10	92.3	88.9	86.8	9.13	9.06	8.66	-31.6	-34.6	-47.6	0.15	1	-84
1.0	9.79	96.6	94.0	92.3	9.95	10.22	9.98	-29.8	-36.1	-51.3		10	-105
1.5	8.99	100.7	98.5	97.2	10.35	10.71	10.47	-31.9	-37.1	-54.1		100	-124
2.0	8.77	105.0	103.0	101.7	10.35	10.65	10.40	-34.7	-37.8	-50.2		1000	-145
2.5	8.89	109.6	107.4	106.1	10.32	10.55	10.30	-36.2	-38.7	-48.0		0.16	
3.0	8.75	114.1	111.8	110.5	10.30	10.49	10.23	-37.0	-38.6	-47.1	10		-105
3.5	8.14	118.3	116.0	114.6	10.30	10.46	10.15	-36.1	-38.6	-46.6	100		-124
4.0	7.95	122.2	120.0	118.6	10.28	10.40	10.11	-35.4	-38.2	-45.7	1000		-145
4.5	7.60	126.1	123.8	122.4	10.22	10.35	10.06	-35.0	-38.1	-45.3			
5.0	7.72	129.9	127.7	126.3	10.23	10.23	9.95	-35.1	-37.8	-44.8	0.13		

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