

# Voltage Controlled Oscillator

# JTOS-400P+

## 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	18.42	179.4	174.8	172.0	9.44	9.43	8.94	-23.3	-34.2	-44.2	0.62	1	-82
1.0	17.91	186.9	183.8	181.5	10.14	10.54	10.17	-24.9	-35.4	-43.6		10	-102
1.5	17.51	195.3	192.5	190.5	10.44	10.81	10.38	-26.1	-36.8	-43.1		100	-122
2.0	16.59	204.3	201.1	199.2	10.60	10.86	10.54	-26.5	-39.2	-41.7		1000	-142
2.5	15.48	212.2	208.9	206.9	10.58	10.93	10.73	-26.7	-41.7	-40.9	0.28		
3.0	14.87	219.3	216.4	214.0	10.36	10.91	10.89	-27.0	-44.0	-40.5			
3.5	14.40	227.1	223.6	220.9	10.52	11.03	10.88	-27.0	-43.3	-40.3	0.10		
4.0	14.01	234.6	230.7	227.9	10.58	11.26	11.07	-26.4	-42.2	-40.9			
4.5	13.31	241.7	237.5	234.6	10.65	11.32	11.01	-25.6	-40.3	-42.5	0.20		
5.0	13.22	248.0	244.1	241.4	10.72	11.31	10.84	-25.3	-39.8	-43.8			

REV. X1  
JTOS-400P+  
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Page 1 of 1



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