

Voltage Controlled Oscillator

JTOS-300P+

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	15.16	137.4	133.4	130.8	7.48	8.45	7.85	-21.3	-47.1	-48.1	0.37	1	-82
1.0	13.58	143.4	140.4	138.3	8.47	9.57	9.16	-22.9	-48.0	-51.5		10	-102
1.5	13.09	149.6	147.0	145.2	8.87	9.98	9.59	-25.5	-46.0	-54.2		100	-122
2.0	13.65	156.2	153.7	152.1	9.05	10.13	9.70	-27.7	-45.2	-53.5		1000	-142
2.5	12.81	162.9	160.3	158.4	9.10	10.08	9.73	-29.5	-45.0	-52.3	0.19		
3.0	11.80	169.1	166.2	164.4	9.06	10.05	9.79	-31.1	-44.8	-50.3			
3.5	11.45	174.8	172.0	170.1	8.99	10.04	9.85	-32.4	-45.8	-50.3			
4.0	11.24	180.3	177.7	175.5	8.96	10.08	9.92	-33.5	-45.0	-50.8	0.10		
4.5	11.05	186.1	183.2	180.9	8.96	10.12	9.92	-34.3	-44.0	-52.0			
5.0	10.75	191.7	188.7	186.3	8.98	10.22	9.89	-35.2	-42.9	-53.9	0.16		

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