

# Voltage Controlled Oscillator

JTOS-25+

## 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	0.70	11.8	11.7	11.7	6.48	6.21	5.82	-22.0	-36.9	-45.7	0.00	1	-95
2.0	0.80	12.7	12.5	12.5	8.17	8.17	8.02	-30.7	-41.5	-46.7	0.02	10	-115
3.0	1.10	13.9	13.7	13.6	8.27	8.52	8.50	-27.0	-35.3	-41.8	0.02	100	-135
4.0	1.60	15.6	15.3	15.1	8.59	8.93	8.97	-19.7	-29.5	-41.0	0.01	1000	-155
5.0	2.10	17.7	17.3	17.2	8.89	9.25	9.30	-17.7	-29.5	-41.5	0.01		
6.0	2.60	20.4	19.9	19.7	9.00	9.36	9.42	-17.8	-30.0	-40.0	0.01		
7.0	3.00	23.6	23.0	22.7	8.90	9.26	9.34	-19.0	-29.4	-38.4	0.03		
8.0	3.50	27.3	26.4	26.1	8.80	9.16	9.22	-22.2	-29.7	-38.3	0.11		
9.0	3.70	31.0	30.1	29.7	8.35	8.67	8.72	-26.5	-31.0	-37.8	0.19		
10.0	3.00	33.8	33.1	32.7	7.83	8.05	8.07	-30.1	-31.1	-37.7	0.12		
11.0	1.90	35.5	35.0	34.6	7.88	7.60	7.56	-31.1	-30.8	-37.6	0.03		

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