

Voltage Controlled Oscillator

JTOS-75+

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	4.90	34.5	33.9	33.2	8.95	9.10	9.08	-26.6	-32.6	-43.4	0.13	1	-89
2.0	3.50	37.9	37.4	36.8	9.83	9.93	9.93	-27.2	-34.4	-40.9	0.14	10	-110
3.0	3.00	40.8	40.3	39.9	9.88	9.95	9.90	-26.7	-35.1	-39.6	0.06	100	-130
4.0	2.60	43.4	43.0	42.5	9.88	9.92	9.83	-26.7	-35.2	-38.9	0.04	1000	-140
5.0	2.50	45.9	45.5	45.1	9.58	9.60	9.49	-27.0	-34.6	-38.6	0.02		
6.0	2.60	48.5	48.1	47.7	9.51	9.53	9.39	-27.4	-34.1	-38.4	0.02		
7.0	2.70	51.2	50.7	50.3	9.42	9.42	9.29	-28.0	-33.5	-38.3	0.03		
8.0	2.80	54.0	53.5	53.1	9.31	9.30	9.16	-28.3	-32.7	-38.2	0.04		
9.0	2.90	56.9	56.4	56.0	9.01	8.97	8.83	-29.0	-32.2	-38.0	0.06		
10.0	3.00	59.8	59.3	58.9	8.86	8.80	8.64	-29.7	-31.5	-38.2	0.07		
11.0	3.10	62.9	62.4	62.0	8.69	8.58	8.44	-30.4	-31.1	-38.3	0.09		
12.0	3.10	66.0	65.5	65.1	8.32	8.22	8.06	-31.6	-30.6	-38.2	0.09		
13.0	3.20	69.3	68.6	68.3	8.08	7.98	7.81	-32.8	-30.3	-38.3	0.10		
14.0	3.30	72.6	71.9	71.5	7.82	7.73	7.57	-34.6	-29.9	-38.4	0.12		
15.0	3.40	76.1	75.4	74.9	7.39	7.31	7.29	-36.5	-29.8	-38.5	0.16		
16.0	3.60	79.7	78.9	78.5	7.11	7.02	6.87	-39.5	-29.5	-38.9	0.22		

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