

Voltage Controlled Oscillator

JTOS-ED8274A/1

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	4.22	53.5	53.0	52.6	9.96	9.46	8.07	-28.8	-50.0	-52.8	0.05	1	-90
2.0	4.07	57.5	57.0	56.7	10.29	10.09	8.96	-44.3	-44.7	-55.2	0.04	10	-110
3.0	3.59	61.1	60.6	60.3	10.37	10.11	9.09	-36.8	-44.5	-56.2	0.02	100	-130
4.0	3.48	64.6	64.1	63.7	10.20	9.94	8.97	-32.5	-44.7	-56.2	0.00	1000	-150
5.0	3.55	68.2	67.6	67.3	10.12	9.85	8.89	-30.8	-45.3	-54.5	0.02		
6.0	3.75	71.9	71.4	71.0	9.95	9.69	8.77	-30.0	-46.0	-51.0	0.03		
7.0	4.01	75.9	75.4	75.0	9.76	9.49	8.57	-30.2	-47.8	-48.2	0.03		
8.0	4.26	80.3	79.7	79.3	9.73	9.45	8.52	-30.3	-50.3	-45.7	0.03		
9.0	4.57	84.7	84.2	83.9	9.35	9.06	8.10	-31.3	-54.2	-42.3	0.02		
10.0	4.70	89.4	88.9	88.6	8.97	8.63	7.62	-32.7	-52.7	-40.0	0.01		
11.0	4.92	94.4	93.9	93.5	8.68	8.30	7.22	-34.5	-45.0	-37.2	0.01		
12.0	5.14	99.4	99.0	98.7	8.19	7.77	6.64	-37.3	-40.8	-35.5	0.02		