

Voltage Controlled Oscillator

JTOS-ED6869/2

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	12.70	198.1	196.4	194.5	10.27	9.71	8.86	-24.8	-44.3	-56.8	0.02	1	-83
2.0	9.50	207.6	205.9	204.4	10.63	10.26	9.57	-28.1	-43.6	-57.1	0.06	10	-105
3.0	9.10	216.4	215.0	213.1	10.61	10.71	9.97	-26.9	-44.2	-59.2	0.08	100	-125
4.0	8.60	225.5	223.6	221.4	10.73	10.83	10.08	-25.4	-44.7	-59.1	0.02	1000	-143
5.0	8.50	234.6	232.1	230.2	10.97	10.92	10.19	-23.8	-44.3	-59.1	0.05		
6.0	9.80	243.8	241.9	240.1	11.06	11.06	10.41	-23.3	-43.8	-58.3	0.12		
7.0	11.10	254.9	253.0	250.5	11.19	11.22	10.58	-23.0	-43.7	-60.0	0.04		
8.0	11.40	266.9	264.4	261.3	11.05	10.90	10.26	-23.1	-45.1	-59.5	0.11		
9.0	12.20	279.1	276.5	274.3	11.15	11.10	10.31	-23.6	-48.3	-59.3	0.12		
10.0	14.50	293.5	291.0	288.6	10.64	10.78	10.34	-24.5	-49.3	-59.1	0.19		
11.0	14.40	308.0	305.4	302.5	10.72	10.92	10.45	-25.4	-49.9	-57.9	0.01		
12.0	13.90	321.6	319.3	316.6	10.58	10.77	10.46	-26.9	-51.1	-59.6	0.00		
13.0	16.50	338.2	335.8	333.0	10.55	10.80	10.28	-28.4	-49.2	-57.5	0.32		
14.0	16.60	355.2	352.4	349.3	10.45	10.70	10.33	-28.2	-49.5	-58.2	0.03		
15.0	15.50	370.4	367.9	364.9	9.78	10.02	9.85	-28.9	-50.6	-53.1	0.08		
16.0	15.50	385.1	383.4	380.9	9.09	9.54	9.19	-31.1	-52.4	-51.8	0.37		
17.0	18.70	404.9	402.0	399.1	8.64	8.94	8.63	-31.5	-51.6	-51.8	0.78		
18.0	17.20	422.6	419.3	416.0	7.83	8.05	7.75	-30.4	-51.1	-49.4	0.64		
19.0	14.30	436.9	433.6	430.1	7.14	7.33	7.09	-30.1	-50.6	-49.6	0.37		
20.0	11.20	447.8	444.7	441.2	6.58	6.76	6.60	-30.8	-49.1	-49.3	0.09		
21.0	8.50	455.9	453.2	449.8	6.11	6.32	6.24	-32.2	-48.2	-49.0			
22.0	6.50	461.7	459.7	456.7	5.66	6.03	6.00	-33.9	-47.9	-49.7			