

Voltage Controlled Oscillator

JTOS-850VW+

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	71.96	366.4	355.7	349.0	6.00	6.52	5.37	-21.7	-38.8	-49.2	1.35	1	-74
1.0	58.97	393.8	385.2	380.3	5.24	6.07	5.34	-23.2	-43.7	-54.8	2.51	10	-96
2.0	52.59	448.8	439.4	434.0	4.64	5.38	4.99	-25.3	-53.2	-56.0	1.17	100	-116
3.0	48.53	498.8	488.6	482.4	5.81	6.43	6.05	-24.8	-49.3	-48.8	0.91	1000	-136
4.0	46.26	547.1	535.6	528.3	6.49	7.09	6.84	-23.7	-43.7	-43.2	0.38		
5.0	42.18	591.1	578.7	570.5	6.24	7.01	6.98	-24.3	-40.3	-39.5	0.25		
6.0	37.97	630.6	618.0	609.1	7.12	7.56	7.20	-25.7	-38.8	-38.7	0.27		
7.0	35.42	666.8	654.0	644.7	8.04	8.54	8.08	-30.5	-41.8	-41.5	0.53		
8.0	32.27	699.8	687.1	677.5	8.69	9.13	8.56	-36.5	-44.2	-46.0	0.84		
9.0	29.33	729.7	717.1	707.3	8.50	9.37	8.97	-39.5	-45.2	-50.3	1.06		
10.0	27.12	757.0	744.8	734.8	7.94	8.87	8.64	-37.7	-45.5	-54.2	1.40		
12.0	22.79	805.0	793.6	783.4	7.33	8.27	7.93	-33.0	-46.8	-46.7	2.06		
13.0	20.60	826.0	814.7	804.7	7.01	8.02	7.77	-32.2	-46.0	-45.7	2.36		
14.0	18.71	845.1	833.9	824.0	6.79	7.78	7.56	-31.3	-46.3	-44.5	2.64		
15.0	16.94	862.4	851.3	841.5	6.66	7.60	7.39	-31.2	-45.7	-43.5	2.91		
16.0	15.37	878.0	867.0	857.5	6.44	7.48	7.30	-30.7	-44.5	-43.3	2.99		
17.0	14.11	892.2	881.4	872.1	6.05	7.23	7.21	-31.0	-44.8	-44.0	2.98		
18.0	12.92	905.1	894.7	885.4	5.51	6.82	6.96	-31.7	-46.2	-44.2	2.92		

REV. X1
 JTOS-850VW+
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 Page 1 of 1



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