

Voltage Controlled Oscillator

JTOS-ED7110/13

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	3.30	489.1	485.6	483.1	7.62	8.40	8.51	-32.5	-43.8	-45.6	0.46	1	-80
2.0	2.60	491.7	488.2	485.7	7.69	8.37	8.57	-32.8	-43.9	-46.6	0.45	10	-102
3.0	2.40	494.2	490.7	488.0	7.71	8.35	8.52	-32.8	-44.1	-46.8	0.42	100	-124
4.0	2.50	496.7	493.1	490.3	7.99	8.33	8.49	-33.1	-44.7	-46.9	0.39	1000	-140
5.0	2.60	499.3	495.7	492.8	8.02	8.56	8.46	-32.7	-44.7	-47.0	0.34		
6.0	2.80	502.2	498.5	495.6	8.06	8.54	8.67	-32.9	-45.5	-46.7	0.26		
7.0	3.10	505.4	501.6	498.6	8.08	8.52	8.63	-32.8	-46.3	-47.3	0.16		
8.0	3.50	509.0	505.1	501.9	8.09	8.52	8.58	-32.8	-46.3	-47.5	0.06		
9.0	3.80	512.9	508.8	505.6	8.10	8.49	8.53	-32.6	-47.0	-48.1	0.00		
10.0	3.90	517.0	512.7	509.3	8.16	8.46	8.48	-32.4	-48.8	-48.1	0.02		
11.0	4.00	521.1	516.7	513.0	8.12	8.48	8.42	-32.4	-49.2	-47.2	0.01		
12.0	3.90	525.2	520.5	516.7	8.11	8.45	8.45	-32.5	-50.2	-48.5	0.01		
13.0	3.80	529.1	524.3	520.3	8.06	8.41	8.42	-32.1	-50.1	-48.0	0.05		
14.0	3.60	532.7	527.9	523.7	7.99	8.41	8.38	-32.3	-50.1	-46.9	0.09		
15.0	3.30	536.2	531.1	526.8	7.89	8.38	8.40	-32.2	-50.1	-48.6	0.14		
16.0	3.00	539.3	534.2	529.7	7.82	8.36	8.38	-32.1	-49.6	-48.2	0.18		
17.0	2.70	542.1	536.9	532.2	7.77	8.28	8.35	-31.8	-51.0	-48.5	0.22		
18.0	2.40	544.6	539.3	534.5	7.74	8.24	8.33	-32.0	-49.0	-48.0	0.25		
19.0	2.20	546.8	541.4	536.5	7.33	8.22	8.27	-32.1	-50.1	-47.6	0.29		
20.0	1.90	548.8	543.3	538.3	7.29	8.19	8.26	-32.3	-48.9	-47.1	0.32		