

Voltage Controlled Oscillator

JTOS-EDR4086

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	17.40	199.6	196.7	195.1	8.52	7.87	7.18	-26.2	-46.7	-62.0	-0.13	1	-81
2.0	12.90	212.7	209.6	207.9	9.38	8.77	8.02	-29.5	-48.5	-61.8	-0.06	10	-102
3.0	11.50	224.0	221.1	219.5	9.82	9.35	8.64	-29.4	-49.4	-61.5	-0.13	100	-122
4.0	11.40	235.5	232.5	230.5	10.11	9.77	9.10	-29.3	-49.4	-62.5	-0.06	1000	-145
5.0	11.10	247.0	243.7	241.5	10.35	9.98	9.37	-29.0	-49.8	-69.4	0.00		
6.0	11.80	258.8	255.4	253.3	10.30	10.09	9.60	-29.1	-52.8	-71.7	-0.13		
7.0	13.00	272.1	268.4	266.2	10.20	10.14	9.78	-29.8	-57.0	-63.6	-0.06		
8.0	14.00	286.6	282.4	280.3	10.06	10.16	9.87	-31.2	-59.5	-59.9	-0.13		
9.0	16.10	301.8	298.5	296.1	9.78	10.18	9.88	-33.7	-56.1	-57.2	-0.26		
10.0	17.10	319.7	315.6	312.7	9.81	10.18	9.85	-34.8	-50.4	-57.4	-0.19		
11.0	16.40	337.3	332.0	328.6	9.90	9.93	9.56	-33.4	-49.4	-60.8	0.00		
12.0	15.60	352.8	347.6	345.1	9.39	9.27	9.05	-35.0	-57.6	-62.0	-0.32		
13.0	19.20	370.9	366.8	364.0	8.59	8.86	8.73	-36.6	-66.9	-55.4	-0.38		
14.0	19.50	391.2	386.2	382.7	8.16	8.52	8.35	-33.8	-60.8	-53.4	-0.19		
15.0	18.60	410.9	404.8	400.7	7.58	8.02	7.81	-31.8	-63.1	-53.1	-0.06		
16.0	17.00	429.4	421.8	417.9	7.09	7.47	7.19	-31.2	-67.0	-53.3	0.00		
17.0	16.90	442.5	438.7	436.3	6.44	6.58	6.49	-32.0	-64.3	-56.7	-0.90		