

Voltage Controlled Oscillator

JTOS-EDR4128/1

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			
0.3	21.52	146.4	141.8	139.1	4.55	6.55	6.52	-20.4	-46.3	-47.8	-0.44	1	-83
0.5	21.98	151.1	147.3	144.3	4.95	7.14	7.36	-21.1	-45.8	-49.1	-0.44	10	-103
0.8	18.82	155.5	152.0	149.5	5.08	7.56	7.85	-22.9	-43.5	-50.2	-0.39	100	-122
1.0	17.73	159.5	156.4	154.1	5.16	7.76	8.15	-24.6	-43.4	-49.9	-0.33	1000	-141
1.3	16.26	163.2	160.5	158.1	5.23	7.88	8.35	-26.2	-43.7	-49.5	-0.23		
1.5	14.51	166.6	164.1	161.8	5.25	7.98	8.48	-27.6	-44.1	-49.9	-0.16		
1.8	13.38	170.0	167.4	165.3	5.25	8.03	8.57	-29.2	-44.6	-51.0	-0.19		
2.0	13.19	173.4	170.7	168.8	5.26	8.04	8.62	-30.3	-45.3	-51.1	-0.26		
2.3	13.53	176.6	174.1	172.2	5.31	8.04	8.67	-31.5	-46.7	-50.1	-0.26		
2.5	13.29	179.8	177.4	175.6	5.36	8.07	8.73	-32.4	-48.0	-49.5	-0.22		
2.8	12.78	182.8	180.6	178.8	5.38	8.11	8.80	-33.1	-49.2	-49.5	-0.17		
3.0	12.32	185.9	183.7	181.9	5.37	8.15	8.86	-34.1	-49.8	-49.7	-0.17		
3.3	12.12	189.1	186.7	184.9	5.34	8.15	8.90	-35.1	-50.1	-50.1	-0.20		
3.5	12.30	192.3	189.8	188.0	5.30	8.12	8.90	-36.2	-50.7	-50.7	-0.26		
3.8	12.69	195.6	193.0	191.2	5.26	8.07	8.88	-37.2	-51.7	-51.5	-0.30		
4.0	12.94	198.7	196.2	194.4	5.22	8.02	8.84	-38.0	-52.5	-51.9	-0.29		
4.3	12.96	201.9	199.5	197.7	5.18	7.97	8.81	-38.6	-52.7	-51.9	-0.26		
4.5	12.77	204.9	202.7	200.9	5.13	7.94	8.78	-39.1	-53.4	-51.8	-0.23		
4.8	12.59	208.0	205.8	204.0	5.09	7.92	8.77	-39.5	-54.7	-52.0	-0.22		
5.0	12.44	211.1	208.9	207.2	5.03	7.88	8.75	-39.8	-55.8	-52.1	-0.23		
5.3	12.41	214.3	212.0	210.3	4.97	7.83	8.71	-40.3	-56.4	-52.2	-0.27		
5.5	12.60	217.6	215.2	213.4	4.92	7.76	8.67	-40.5	-56.2	-53.0	-0.33		
5.8	12.90	220.9	218.4	216.6	4.89	7.70	8.63	-41.0	-55.1	-53.9	-0.37		
6.0	13.13	224.2	221.7	219.8	4.89	7.65	8.60	-41.3	-53.2	-54.7	-0.38		
6.3	13.16	227.5	225.0	223.1	4.92	7.62	8.59	-42.1	-52.2	-55.2	-0.38		
6.5	13.09	230.7	228.2	226.4	4.96	7.61	8.60	-42.9	-52.0	-55.3	-0.37		
6.8	12.97	233.8	231.5	229.6	5.00	7.63	8.62	-44.2	-52.2	-55.4	-0.36		
7.0	12.74	237.0	234.7	232.8	5.03	7.66	8.66	-45.9	-52.1	-55.0	-0.37		