

Voltage Controlled Oscillator

JTOS-EDR4895

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	47.36	430.9	430.4	428.4	3.85	1.94	0.22	-19.4	-30.5	-40.6	-0.96	1	-74
1.0	44.03	452.5	452.4	449.4	5.44	3.85	2.14	-21.4	-32.1	-38.5	-0.90	10	-102
1.5	44.54	475.0	474.7	471.8	6.39	4.87	3.21	-22.6	-34.4	-33.0	-0.83	100	-126
2.0	43.14	499.3	496.3	492.3	7.01	5.90	4.40	-22.9	-36.9	-36.9	-0.51	1000	-149
2.5	42.37	521.0	517.4	512.9	7.71	6.64	5.19	-23.1	-36.9	-47.4	-0.58		
3.0	43.26	544.6	539.1	535.3	8.08	7.12	5.68	-23.4	-36.1	-54.7	-0.58		
3.5	41.86	566.0	560.0	558.0	8.50	7.56	5.98	-23.6	-35.3	-61.4	-0.83		
4.0	42.24	585.0	581.1	579.5	8.91	7.80	6.07	-24.2	-33.2	-63.3	-1.60		
4.5	42.88	603.9	602.6	600.7	9.12	7.84	6.18	-24.5	-33.1	-66.3	-1.92		
5.0	40.58	623.1	622.8	621.2	9.02	7.82	6.17	-24.9	-32.1	-65.3	-2.24		
5.5	39.68	644.3	642.7	640.4	7.44	7.23	5.60	-27.0	-30.5	-59.2	-2.43		
6.0	48.90	670.9	667.1	662.5	6.33	6.24	5.11	-26.5	-31.4	-57.3	-1.66		
6.5	36.10	689.4	685.2	681.0	7.15	6.80	5.74	-24.8	-36.9	-59.9	-1.54		
7.0	32.26	704.8	701.3	698.0	7.70	7.24	6.15	-24.7	-42.5	-60.8	-1.98		
7.5	31.36	719.3	717.0	714.4	8.06	7.54	6.32	-24.8	-48.4	-62.2	-2.50		
8.0	30.72	733.6	732.4	730.1	8.41	7.77	6.51	-25.0	-53.9	-65.5	-2.94		
8.5	30.08	748.3	747.4	746.1	8.73	7.92	6.74	-25.3	-59.4	-66.6	-3.52		
9.0	29.70	763.2	762.2	761.8	9.01	8.03	6.99	-25.5	-58.0	-68.2	-3.78		
9.5	28.29	777.4	776.4	776.4	9.18	8.14	7.16	-25.6	-56.1	-69.6	-3.97		
10.0	26.88	790.3	789.8	789.9	9.26	8.22	7.21	-25.4	-55.2	-67.4	-4.16		
10.5	25.73	802.5	802.7	802.6	9.31	8.27	7.25	-25.4	-55.0	-62.8	-4.29		
11.0	24.45	814.5	814.9	814.9	9.36	8.30	7.29	-25.4	-55.6	-60.7	-4.35		
11.5	23.30	826.3	826.6	826.9	9.39	8.30	7.31	-25.7	-56.8	-57.1	-4.42		
12.0	22.27	837.4	837.7	838.1	9.35	8.28	7.27	-26.2	-61.8	-55.0	-4.48		
12.5	21.38	847.7	848.4	848.8	9.25	8.25	7.14	-26.4	-64.1	-53.4	-4.54		
13.0	20.61	857.5	858.7	858.8	9.09	8.19	6.96	-26.6	-66.9	-51.6	-4.61		
13.5	19.97	867.1	868.7	868.6	8.92	8.13	6.77	-26.9	-69.7	-50.1	-4.67		
14.0	19.33	876.7	878.3	878.3	8.77	8.06	6.59	-27.7	-74.0	-49.4	-4.80		
14.5	18.82	886.3	887.7	888.1	8.64	7.99	6.45	-28.5	-73.1	-48.9	-5.06		
15.0	18.56	896.4	897.0	897.5	8.49	7.92	6.34	-29.5	-69.6	-49.1	-5.38		
15.5	18.43	906.6	906.2	906.7	8.32	7.85	6.22	-30.1	-68.5	-50.6	-5.63		
16.0	17.92	915.9	915.2	915.6	8.20	7.79	6.09	-30.8	-66.4	-52.2	-5.63		
16.5	17.15	924.1	923.8	924.2	8.16	7.75	5.92	-31.0	-65.4	-54.5	-5.70		
17.0	16.38	932.4	932.0	933.4	8.08	7.71	5.58	-31.4	-62.0	-55.7	-5.89		