

Voltage Controlled Oscillator

JTOS-EDR4733

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	99.70	1345.2	1313.9	1284.5	5.51	4.74	3.92	-17.4	-36.5	-37.1	0.64	1	-66
2.0	89.70	1434.9	1403.5	1376.5	5.41	4.16	3.68	-16.8	-48.9	-33.2	0.38	10	-93
3.0	87.70	1518.7	1491.3	1463.2	5.33	4.07	3.54	-19.0	-49.3	-36.9	0.06	100	-114
4.0	80.50	1602.3	1571.8	1547.7	5.36	4.29	3.36	-20.0	-39.6	-39.7	-0.13	1000	-138
5.0	87.70	1685.1	1659.5	1632.7	5.30	3.84	3.01	-19.5	-32.6	-41.2	-0.06		
6.0	82.00	1770.1	1741.4	1717.1	4.87	4.28	3.02	-20.9	-28.2	-55.9	0.13		
7.0	83.80	1855.5	1825.3	1801.3	4.68	4.01	3.18	-23.5	-23.7	-45.6	0.19		
8.0	86.70	1941.3	1912.0	1887.1	4.87	4.10	3.36	-26.4	-23.3	-52.5	0.00		
9.0	83.40	2025.7	1995.4	1973.1	4.95	4.42	3.85	-31.7	-28.0	-52.9	0.06		
10.0	89.30	2113.5	2084.7	2060.2	4.89	4.35	3.88	-37.6	-30.9	-56.0	0.00		
11.0	83.20	2197.3	2167.9	2146.7	4.68	4.45	3.91	-61.0	-27.0	-52.3	-0.51		
12.0	88.80	2290.4	2256.7	2234.2	4.97	4.48	3.77	-40.5	-38.8	-49.0	-1.60		
13.0	84.00	2376.1	2340.7	2317.6	5.29	4.40	3.68	-35.1	-33.4	-45.9	-2.11		
14.0	74.20	2451.5	2414.9	2394.0	5.42	4.45	3.57	-32.7	-28.1	-51.7	-2.56		
15.0	72.80	2519.4	2487.7	2463.7	5.39	4.53	3.66	-30.6	-29.8	-44.9	-2.69		
16.0	60.10	2579.8	2547.8	2526.5	5.18	4.27	3.62	-29.5	-39.5	-45.9	-2.43		
17.0	52.50	2635.1	2600.3	2581.9	4.90	3.83	3.34	-28.1	-48.3	-45.8	-2.69		
18.0	54.70	2685.5	2654.9	2631.7	4.36	4.03	3.17	-27.3	-41.2	-46.5	-2.62		
19.0	47.40	2731.2	2702.3	2678.7	4.37	4.13	3.18	-26.8	-40.4	-48.5	-2.37		
20.0	39.70	2773.7	2742.0	2719.9	4.26	3.88	2.80	-25.2	-42.7	-47.8	-2.18		