

Voltage Controlled Oscillator

JTOS-ED6924/14

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	80.00	1617.0	1594.9	1576.4	8.44	7.62	6.55	-14.3	-27.3	-46.1	2.96	1	-60
2.0	71.00	1684.3	1665.9	1648.6	8.35	7.65	6.97	-15.1	-28.4	-43.7	2.82	10	-90
3.0	78.70	1761.2	1744.6	1728.3	9.20	8.51	7.68	-17.1	-30.4	-38.1	2.79	100	-110
4.0	102.10	1860.8	1846.7	1830.1	8.97	8.63	7.84	-20.0	-32.7	-34.2	2.89	1000	-130
5.0	123.60	1983.1	1970.3	1956.8	10.03	9.74	9.38	-21.3	-35.4	-42.3	0.48		
6.0	122.50	2103.3	2092.8	2083.7	11.05	10.75	10.36	-25.5	-35.0	-43.4	2.46		
7.0	118.20	2219.1	2210.9	2204.2	10.93	10.69	10.47	-28.2	-43.9	-45.0	3.75		
8.0	104.90	2324.0	2315.9	2309.0	11.43	11.12	10.75	-27.1	-44.4	-45.3	3.77		
9.0	86.80	2411.7	2402.6	2394.9	11.07	10.69	10.54	-26.2	-47.1	-46.2	3.06		
10.0	71.50	2483.8	2474.1	2465.6	11.30	10.97	10.57	-26.1	-37.6	-47.7	2.35		
11.0	60.30	2544.5	2534.3	2525.4	10.57	10.29	9.95	-26.5	-42.3	-47.2	1.23		
12.0	52.10	2597.0	2586.5	2577.1	10.33	10.08	9.73	-27.3	-40.7	-45.7	0.82		
13.0	45.60	2642.8	2632.1	2622.6	10.46	10.08	9.63	-27.7	-38.6	-46.9	0.48		
14.0	41.10	2683.9	2673.2	2663.4	9.62	9.62	9.23	-28.1	-40.1	-45.9	0.03		
15.0	37.20	2720.9	2710.4	2700.7	9.03	8.96	8.73	-28.4	-45.4	-45.9	0.21		