

Voltage Controlled Oscillator

JCOS-ED8174/3

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	4.77	120.9	120.9	121.4	4.54	4.40	4.04	-19.7	-43.8	-51.5	0.04	1	-95
2.0	3.86	124.9	124.7	124.9	4.81	4.71	4.46	-21.2	-44.7	-50.1	0.03	10	-118
3.0	3.51	128.6	128.2	128.2	5.06	4.98	4.76	-22.7	-45.6	-49.0	0.02	100	-138
4.0	3.41	132.1	131.6	131.5	5.31	5.22	5.01	-23.9	-46.3	-47.8	0.01	1000	-158
5.0	3.45	135.6	135.1	134.9	5.55	5.46	5.27	-25.3	-47.1	-47.2	0.00		
6.0	3.60	139.3	138.7	138.4	5.79	5.73	5.53	-26.8	-46.9	-46.7	0.01		
7.0	3.79	143.1	142.5	142.1	6.04	5.99	5.79	-28.4	-47.4	-45.7	0.01		
8.0	3.97	147.1	146.5	146.1	6.29	6.22	6.02	-30.1	-47.5	-45.7	0.00		
9.0	4.08	151.2	150.5	150.1	6.47	6.41	6.21	-31.6	-47.4	-45.4	0.03		
10.0	4.11	155.3	154.6	154.2	6.58	6.52	6.32	-33.4	-47.6	-44.7	0.06		
11.0	4.11	159.4	158.7	158.3	6.56	6.50	6.31	-34.6	-46.7	-44.2	0.07		
12.0	4.09	163.5	162.8	162.4	6.35	6.32	6.13	-35.9	-45.5	-43.7	0.08		
13.0	4.04	167.6	166.9	166.4	5.95	5.94	5.79	-36.8	-45.2	-43.0	0.08		
14.0	3.94	171.5	170.8	170.4	5.36	5.41	5.28	-37.4	-43.9	-41.8	0.09		
15.0	3.79	175.3	174.6	174.2	4.64	4.73	4.63	-38.0	-43.1	-40.8	0.13		
16.0	3.60	178.9	178.2	177.8	3.87	3.99	3.92	-38.2	-41.3	-39.9	0.17		
17.0	3.37	182.3	181.6	181.2	3.06	3.24	3.20	-38.2	-40.3	-39.0	0.21		