

Voltage Controlled Oscillator

JCOS-ED7275/2

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	10.90	897.0	888.8	880.5	6.83	7.38	7.27	-28.0	-29.1	-43.3	0.06	1	-85
2.0	10.60	907.8	899.3	890.8	6.59	7.40	7.36	-29.2	-30.5	-40.5	0.03	10	-110
3.0	11.20	919.3	910.6	901.7	6.75	7.27	7.45	-30.0	-32.0	-38.6	0.01	100	-130
4.0	11.80	931.2	922.3	913.3	6.94	7.52	7.41	-30.5	-34.0	-37.0	0.03	1000	-150
5.0	11.60	942.9	933.9	924.7	7.24	7.72	7.69	-31.7	-35.8	-35.2	0.05		
6.0	11.00	953.8	944.9	935.6	7.60	7.99	7.81	-31.5	-37.5	-33.5	0.08		
7.0	10.20	963.9	955.1	945.8	7.94	8.22	8.09	-32.1	-37.9	-32.7	0.11		
8.0	9.40	973.2	964.4	955.2	8.25	8.55	8.38	-32.4	-38.6	-32.9	0.14		
9.0	8.70	981.8	973.2	964.0	8.70	8.80	8.67	-32.5	-39.5	-34.0	0.16		
10.0	8.20	990.0	981.4	972.1	8.77	9.20	8.89	-32.4	-41.0	-35.2	0.18		
11.0	7.80	997.9	989.1	979.7	9.05	9.22	9.28	-32.3	-42.0	-36.0	0.18		
12.0	7.30	1005.3	996.5	987.0	9.38	9.47	9.30	-32.3	-43.7	-36.7	0.20		
13.0	6.90	1012.2	1003.4	993.8	9.60	9.64	9.44	-32.0	-43.8	-36.7	0.21		
14.0	6.50	1018.8	1009.9	1000.2	10.02	9.96	9.67	-31.9	-45.0	-37.2	0.22		
15.0	6.10	1024.9	1016.0	1006.3	10.27	10.33	9.95	-31.9	-46.1	-37.7	0.24		
16.0	5.70	1030.6	1021.7	1011.9	10.63	10.55	10.13	-31.8	-47.0	-37.0	0.25		
17.0	5.30	1036.0	1027.0	1017.2	10.97	10.88	10.47	-32.0	-47.2	-37.0	0.27		
18.0	4.90	1041.0	1032.0	1022.1	11.17	11.08	10.65	-32.0	-48.0	-37.0	0.27		
19.0	4.50	1045.5	1036.5	1026.5	11.07	11.38	10.94	-31.9	-50.4	-38.2	0.27		
20.0	4.10	1049.7	1040.6	1030.5	11.22	11.55	11.10	-32.1	-50.1	-40.6	0.27		