

Voltage Controlled Oscillator

JCOS-ED5427/1

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	6.00	721.7	716.5	711.3	9.20	9.04	9.08	-18.4	-31.6	-42.6	0.37	1	-78
2.0	4.60	726.4	721.1	716.0	9.61	9.09	8.75	-19.5	-31.0	-43.0	0.38	10	-108
3.0	4.10	730.6	725.2	720.1	9.63	9.51	8.81	-20.5	-30.3	-45.0	0.39	100	-132
4.0	3.90	734.7	729.1	724.0	9.65	9.53	8.84	-21.4	-30.2	-45.2	0.40	1000	-150
5.0	4.00	738.7	733.1	727.9	9.30	9.54	9.25	-22.4	-29.7	-45.7	0.41		
6.0	4.10	742.9	737.1	731.9	9.31	9.20	9.27	-23.4	-29.4	-46.4	0.42		
7.0	4.20	747.2	741.4	736.0	9.47	9.23	8.94	-24.4	-29.3	-46.4	0.43		
8.0	4.50	751.9	745.9	740.4	9.50	9.40	8.96	-25.6	-29.3	-47.3	0.46		
9.0	4.80	756.8	750.7	745.1	9.42	9.43	9.13	-26.5	-29.0	-46.0	0.47		
10.0	5.10	761.8	755.8	750.0	9.48	9.33	9.17	-27.4	-28.9	-45.9	0.47		
11.0	5.20	767.0	761.0	755.1	9.27	9.39	9.07	-27.9	-29.1	-45.4	0.49		
12.0	5.20	772.3	766.1	760.2	9.33	9.17	9.14	-28.3	-29.1	-44.5	0.49		
13.0	4.90	777.2	771.0	765.0	9.56	9.23	9.18	-28.2	-29.0	-43.4	0.50		
14.0	4.50	781.8	775.6	769.4	9.60	9.44	8.96	-27.7	-28.9	-42.2	0.51		
15.0	4.10	786.0	779.7	773.5	9.53	9.49	9.01	-27.1	-29.0	-41.8	0.52		