

Voltage Controlled Oscillator

JCOS-ED6046/3

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			
0.5	22.20	703.5	700.8	698.2	6.10	6.14	5.89	-26.7	-51.9	-55.9	0.31	1	-93
1.0	18.80	713.1	710.2	707.4	6.36	6.44	6.24	-27.6	-51.9	-56.7	0.11	10	-120
1.5	17.40	722.0	718.9	716.0	6.16	6.28	6.10	-28.3	-47.8	-48.0		100	-138
2.0	16.70	730.6	727.3	724.2	6.69	6.85	6.32	-28.7	-47.7	-51.5	0.25	1000	-156
2.5	16.20	738.8	735.4	732.1	6.41	6.62	6.87	-29.1	-48.6	-50.1			
3.0	15.70	746.6	743.2	739.9	6.64	6.74	6.65	-29.8	-48.1	-46.6	0.33		
3.5	14.80	754.0	750.6	747.4	6.71	7.00	6.93	-30.4	-48.0	-45.5			
4.0	14.20	761.1	757.7	754.4	6.65	6.97	7.03	-30.7	-47.3	-50.8	0.35		
4.5	13.30	767.7	764.3	761.1	6.47	7.08	7.03	-31.1	-48.4	-52.3			
5.0	12.30	773.8	770.5	767.3	6.57	6.93	6.88	-31.6	-47.7	-52.6	0.39		
5.5	11.40	779.4	776.2	773.0	6.82	7.19	7.01	-32.0	-48.0	-52.7			
6.0	10.40	784.6	781.4	778.2	6.90	7.29	7.28	-32.6	-47.1	-51.9	0.44		
6.5	9.60	789.3	786.2	783.0	6.86	7.26	7.37	-33.0	-47.2	-52.5			
7.0	8.80	793.7	790.5	787.4	6.90	7.32	7.32	-33.4	-47.7	-52.7	0.50		
7.5	8.00	797.7	794.5	791.4	6.89	7.34	7.34	-33.6	-48.1	-52.6			
8.0	7.30	801.3	798.2	795.1	6.88	7.31	7.32	-34.1	-47.1	-53.1	0.60		