

Voltage Controlled Oscillator

JCOS-ED6772A/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			
0.3	12.20	775.4	771.6	766.9	3.67	3.72	3.87	-36.5	-41.2	-49.2	0.05	1	-87
0.5	11.30	778.2	774.5	769.8	3.74	3.80	3.96	-36.8	-40.8	-49.1		10	-109
0.8	10.90	781.0	777.2	772.6	3.79	4.01	4.04	-37.0	-40.7	-48.5		100	-130
1.0	10.80	783.7	779.9	775.2	3.85	4.08	4.26	-37.1	-40.6	-48.9		1000	-148
1.3	10.80	786.4	782.6	777.8	3.80	4.14	4.32	-37.4	-40.1	-48.1			
1.5	10.80	789.2	785.3	780.5	3.87	4.10	4.41	-38.0	-40.5	-47.8	0.06		
1.8	10.90	791.9	788.0	783.1	3.91	4.16	4.48	-38.4	-40.7	-47.6			
2.0	11.10	794.8	790.8	785.8	3.96	4.21	4.44	-38.5	-40.8	-47.5			
2.3	11.20	797.6	793.6	788.5	3.99	4.26	4.50	-38.8	-41.0	-47.0			
2.5	11.50	800.6	796.4	791.3	4.02	4.28	4.54	-39.2	-41.2	-46.7			
2.8	11.70	803.5	799.4	794.1	4.07	4.33	4.58	-39.6	-41.4	-46.3	0.08		
3.0	11.90	806.5	802.3	797.0	4.26	4.38	4.59	-40.1	-41.6	-46.8			
3.3	12.10	809.6	805.3	800.0	4.30	4.55	4.64	-40.3	-41.8	-46.2			
3.5	12.10	812.7	808.4	803.0	4.31	4.57	4.68	-40.7	-42.2	-46.0			
3.8	12.20	815.7	811.4	806.0	4.27	4.61	4.85	-41.2	-41.9	-46.2			
4.0	12.20	818.8	814.5	808.9	4.28	4.63	4.89	-41.6	-42.1	-45.9	0.09		
4.3	12.20	821.9	817.5	811.9	4.28	4.58	4.90	-41.6	-42.3	-44.8			
4.5	12.10	825.0	820.5	814.9	4.33	4.60	4.92	-42.3	-41.8	-45.1			
4.8	11.90	828.0	823.5	817.8	4.59	4.60	4.86	-42.3	-42.1	-44.8			
5.0	11.80	831.0	826.4	820.7	4.58	4.88	4.87	-42.9	-42.3	-44.3	0.10		
5.3	11.60	833.9	829.3	823.6	4.62	4.89	4.88	-43.0	-42.3	-43.5			
5.5	11.40	836.8	832.2	826.4	4.47	4.91	5.14	-43.1	-42.5	-43.1			
5.8	11.20	839.6	835.0	829.1	4.49	4.90	5.15	-43.6	-42.5	-43.0			
6.0	11.00	842.4	837.7	831.8	4.51	4.78	5.15	-43.8	-42.3	-42.0			
6.3	10.80	845.1	840.4	834.5	4.71	4.79	5.16	-43.8	-42.8	-41.7			
6.5	10.50	847.8	843.0	837.1	4.74	4.80	5.01	-44.0	-43.0	-41.5			
6.8	10.40	850.4	845.6	839.7	4.75	5.01	5.01	-44.4	-43.2	-40.9			
7.0	10.10	853.0	848.2	842.1	4.77	5.03	5.03	-44.4	-43.2	-40.4			