

Voltage Controlled Oscillator

JCOS-ED6707/7

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	11.00	741.4	736.1	730.3	7.81	7.85	8.07	-35.9	-50.2	-45.5	0.20	1	-91
1.0	9.80	746.5	741.0	735.1	8.14	8.04	7.88	-36.2	-49.2	-45.4		10	-116
1.5	9.60	751.6	745.8	739.7	8.34	8.36	8.04	-36.9	-49.9	-45.7		100	-137
2.0	9.70	756.7	750.6	744.4	8.41	8.55	8.21	-37.4	-50.4	-45.4	0.26	1000	-154
2.5	9.90	761.8	755.6	749.1	8.63	8.60	8.50	-38.0	-51.1	-45.8			
3.0	10.10	767.1	760.6	754.0	8.59	8.80	8.66	-38.2	-51.0	-45.2			
3.5	10.20	772.4	765.7	759.0	8.82	8.74	8.66	-39.2	-50.7	-45.4	0.36		
4.0	10.10	777.7	770.8	764.0	9.21	8.94	8.76	-39.7	-50.2	-44.9			
4.5	10.00	782.9	775.8	769.3	9.44	9.30	8.45	-40.4	-50.8	-44.6			
5.0	9.60	788.0	780.6	774.9	9.55	9.48	8.29	-40.6	-51.1	-44.0	0.19		
5.5	9.10	792.9	785.1	780.5	9.72	9.52	8.31	-41.6	-50.1	-43.6			
6.0	8.60	797.7	789.4	786.0	9.84	9.58	8.07	-42.0	-51.3	-43.8			
6.5	9.30	802.1	794.1	791.3	9.94	9.38	7.94	-43.0	-51.6	-43.5	0.69		
7.0	10.50	806.2	799.4	796.4	10.13	9.01	7.80	-44.1	-51.4	-43.1			
7.5	10.30	809.6	804.5	801.3	10.09	8.68	7.68	-44.8	-50.6	-42.6			
8.0	9.90	813.5	809.5	806.0	9.58	8.54	7.72	-45.3	-50.0	-42.3			