

Voltage Controlled Oscillator

POS-ED4638/1

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			
0.5	50.70	329.8	321.8	315.8	3.25	3.73	3.08	-24.2	-30.2	-38.1	2.15	1	-77
1.0	38.60	347.8	341.2	335.7	3.89	4.51	4.13	-27.1	-29.6	-35.7	1.82	10	-98
1.5	31.50	363.3	356.9	351.4	4.16	4.93	4.54	-29.6	-29.2	-32.9		100	-121
2.0	27.20	376.7	370.5	364.8	4.34	4.92	4.67	-32.0	-29.5	-30.3	0.97	1000	-139
2.5	24.10	388.8	382.5	376.8	4.41	5.19	4.57	-34.6	-29.1	-28.1			
3.0	21.80	399.8	393.4	388.1	4.38	4.92	4.36	-38.6	-28.3	-26.1	0.51		
3.5	20.20	409.4	403.5	398.9	3.68	4.45	4.27	-45.0	-27.8	-24.5			
4.0	20.00	418.4	413.5	409.4	2.67	3.83	4.05	-46.1	-28.3	-23.6	0.69		
4.5	20.50	428.6	423.8	419.5	2.36	3.59	4.00	-44.5	-30.3	-23.3			
5.0	20.30	439.0	433.9	429.5	2.42	3.56	4.01	-45.0	-33.0	-23.5	0.63		
5.5	20.10	449.2	444.0	439.3	2.68	3.70	4.09	-46.1	-36.4	-24.6			
6.0	20.00	459.4	454.0	449.1	3.03	3.97	4.32	-50.0	-41.5	-26.2	0.45		
6.5	19.90	469.5	463.9	458.8	3.39	4.31	4.63	-53.5	-50.2	-28.2			
7.0	19.90	479.6	473.9	468.6	3.67	4.63	4.97	-55.9	-47.2	-30.0	0.22		