



## PLL Product Specification

**Model:** PLL400-2200A(Y)    **Rev:** P2    **Date:** 9/1/2006  
**Customer:** SIRENZA MICRODEVICES, INC.    **AppNote:** 113 Option 207000  
**Operating Temperature Range:** ( -40 ° to 85 ° C)

**Pb RoHS Compliant**

To order models as RoHS Compliant add "Y" suffix to base model number.

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	2000	2200	2400	MHz	X	
Step Size -		1000		kHz	X	
Settling Time - To within 1.0 kHz		1.5	3	mSec		
Output Power -	-3	0	3	dBm	X	
Output Phase Noise:						
1 kHz		-86	-80	dBc/Hz		
10 kHz		-86	-80	dBc/Hz		
100 kHz		-110	-104	dBc/Hz	X	
Power Supply -	4.9	5	5.1	Volts		
Supply Current -		25	35	mA	X	
Spurious Product - 1000 kHz		-70	-60	dBc	X	
Reference Feedthrough -		-80	-70	dBc		
Harmonic Suppression:						
2nd Harmonic		-11	-8	dBc	X	
3rd Harmonic		-16	-10	dBc	X	
Ref Osc Signal:						
Frequency		10		MHz		
Amplitude	3		5	Vp-p		
Phase Noise - 1 kHz		-145		dBc/Hz		
Input Impedance		100		kΩ		
Output Impedance -		50		Ω		

### Package Information

Package Type:	PLL400 (0.6 x 0.6 x 0.14 inches)	Drawing Number:	60080
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### Comments

**X** Indicates parameter to be tested 100% in production

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