

## PLL Product Specification

**Model:** PLL350-1760A      **Rev:** A      **Date:** 4/17/2003  
**Customer:** VARI-L COMPANY      **AppNote:** 109, Opt. 100  
**Operating Temperature Range:** ( -35 ° to 85 ° C)

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	1730	1760	1790	MHz	X	
Step Size -		200		kHz	X	
Settling Time - To within 1 kHz		10	25	mSec		
Output Power -	-3	0	3	dBm	X	
Output Phase Noise:						
1 kHz		-75	-65	dBc/Hz		
10 kHz		-100	-90	dBc/Hz	X	
100 kHz		-120	-110	dBc/Hz		
Power Supply -	4.75	5	5.25	Volts		
Supply Current -		25	30	mA	X	
Spurious Product - 200 kHz		-70	-60	dBc	X	
Reference Feedthrough -		-70	-60	dBc		
Harmonic Suppression:						
2nd Harmonic		-15	-10	dBc	X	
3rd Harmonic		-20	-10	dBc	X	
Ref Osc Signal:						
Frequency		10		MHz		
Amplitude	0.4		2	Vp-p		
Phase Noise - 1 kHz		-145		dBc/Hz		
Input Impedance		100		kΩ		
Output Impedance -		50		Ω		

### Package Information

Package Type:	PLL350	Drawing Number:	61054
Dimensions:	0.8 x 0.582 x 0.154 inches	Drawing Revision:	A

### Comments

X Indicates parameter to be tested 100% in production

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