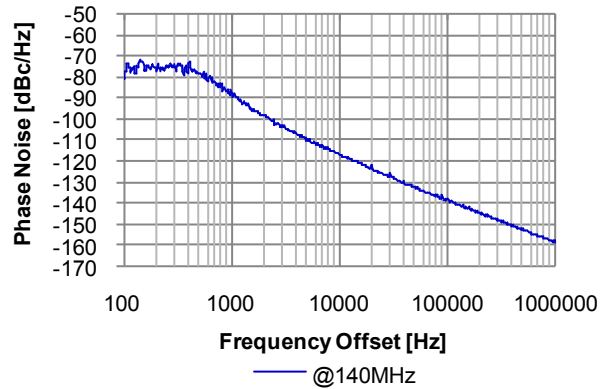


## Features

- 3 wire serial integer PLL
- Internal Reference(2.5ppm vs. Temp)
- Sub-Compact Size (0.6"x0.6"x0.15")
- Low phase noise
- Programming : LMX2332(NSC)

## Applications

- Broadcast
- VHF radio
- Wireless Telemetry
- Test Instrument-Signal Generation

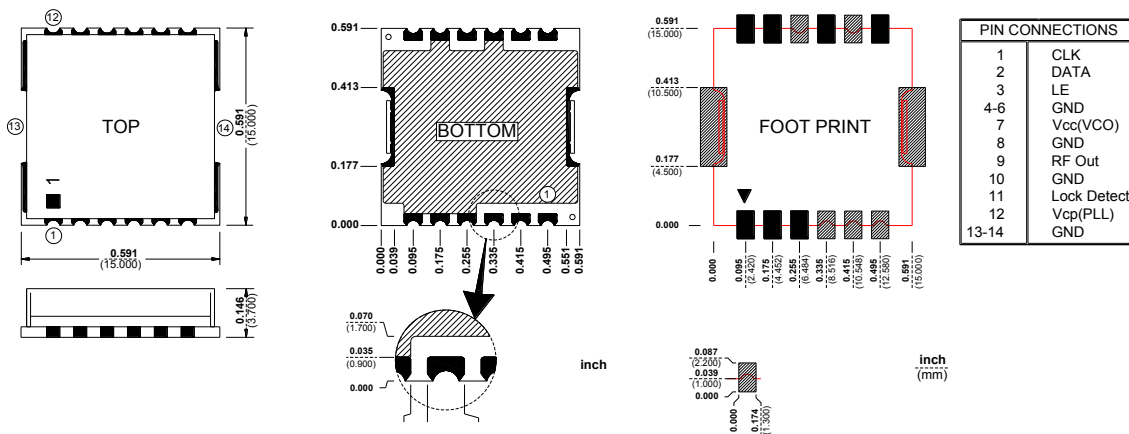


## Electrical Characteristics



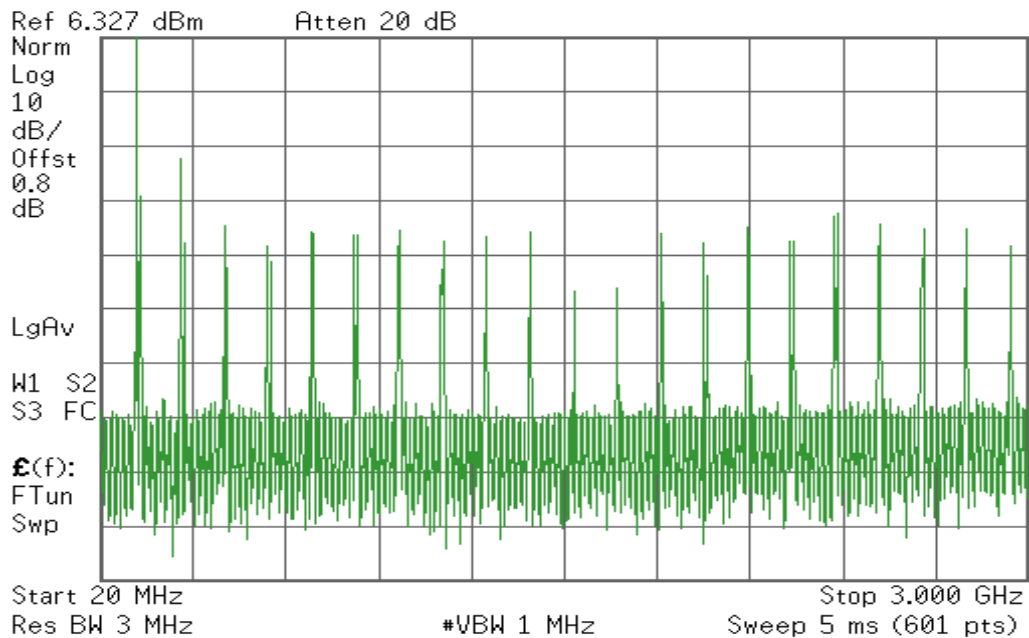
Parameter		Units	Min	Typ	Max
Operating Frequency Range		MHz	139		141
Step Size		kHz		10	
Settling Time		msec		10	30
Output Power		dBm	+3.0	+5.0	+7.0
Output Impedance		$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz		-90	-85
	@10kHz offset	dBc/Hz		-118	-113
	@100kHz offset	dBc/Hz		-140	-135
	@1MHz offset	dBc/Hz		-159	-154
2nd Harmonic Suppression		dBc		-22	-15
Sideband Spurious Suppression		dBc			-70
Reference	Frequency	MHz		13	
	Freq. Stability	ppm			2.5
VCO Power Supply (Vcc)	Voltage	Vdc		5	
	Current	mA		20	30
PLL Power Supply (Vcp)	Voltage	Vdc		5	
	Current	mA		5	10
Operating Temp. Range		$^{\circ}\text{C}$	-40		+85

## Dimensions



PACKAGE DRAWING : PS12-L

## Harmonic Suppression



## Sideband Spurious Suppression

