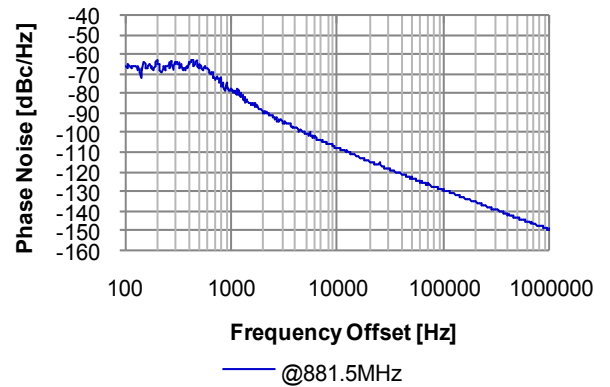


## Features

- 3 wire serial integer PLL
- Small Size 0.55"x0.57"x0.13"
- Low phase noise
- Programming : LMX2326(NSC)

## Applications

- Base station
- Cable TV
- Satellite Communications
- UHF radio link

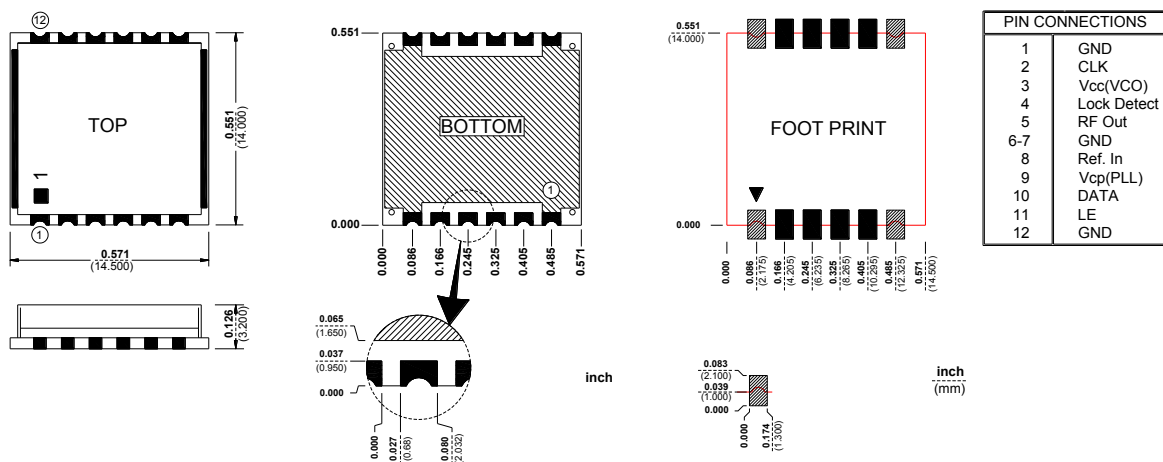


## Electrical Characteristics



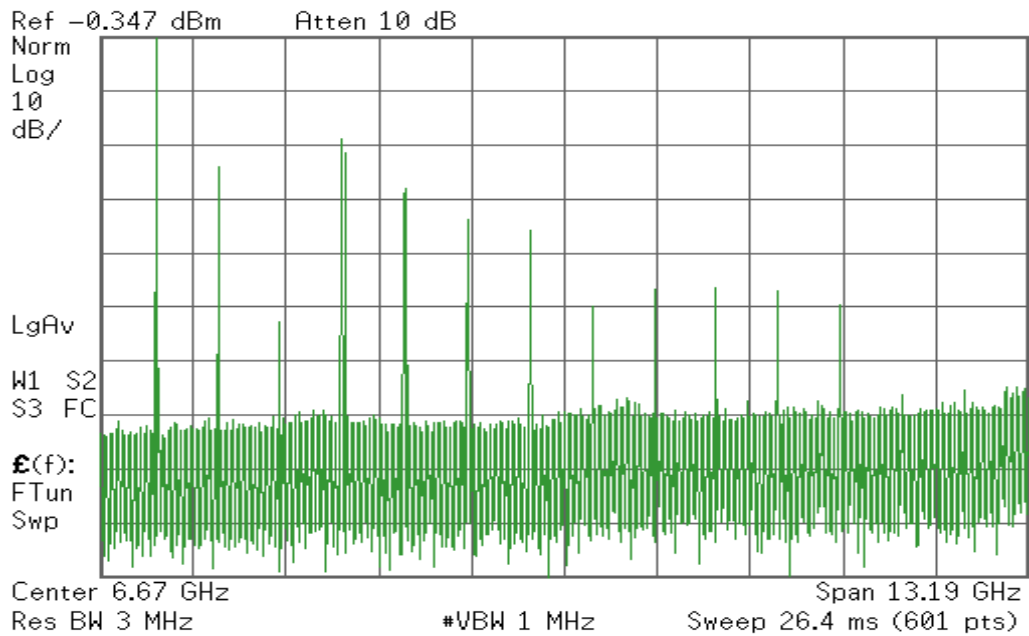
Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	869		894
Step Size	kHz		25	
Settling Time	msec		10	30
Output Power	dBm	-0.5	0.0	+0.5
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-80	-75
	@10kHz offset	dBc/Hz	-109	-104
	@100kHz offset	dBc/Hz	-130	-125
	@1MHz offset	dBc/Hz	-150	-145
2nd Harmonic Suppression	dBc		-23	-15
Sideband Spurious Suppression	dBc			-75
Reference	Input Frequency	MHz	5	100
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	22	35
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

## Dimensions



PACKAGE DRAWING : PM12-L

## Harmonic Suppression



## Sideband Spurious Suppression

