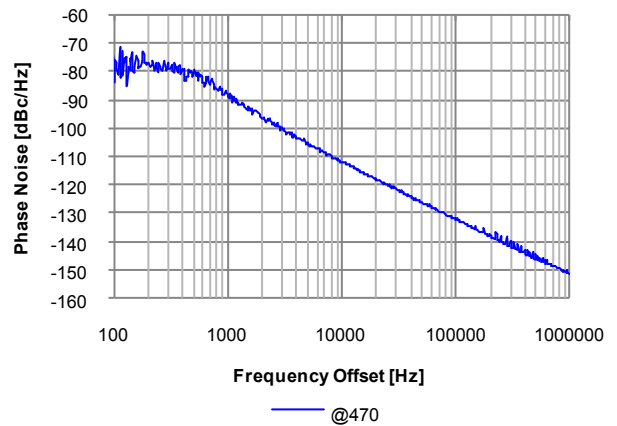


## Features

- 3 wire serial Fractional PLL
- Sub-Compact Size 0.6"x0.6"x0.15"
- Low phase noise
- Programming : LMX2326(NSC)

## Applications

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

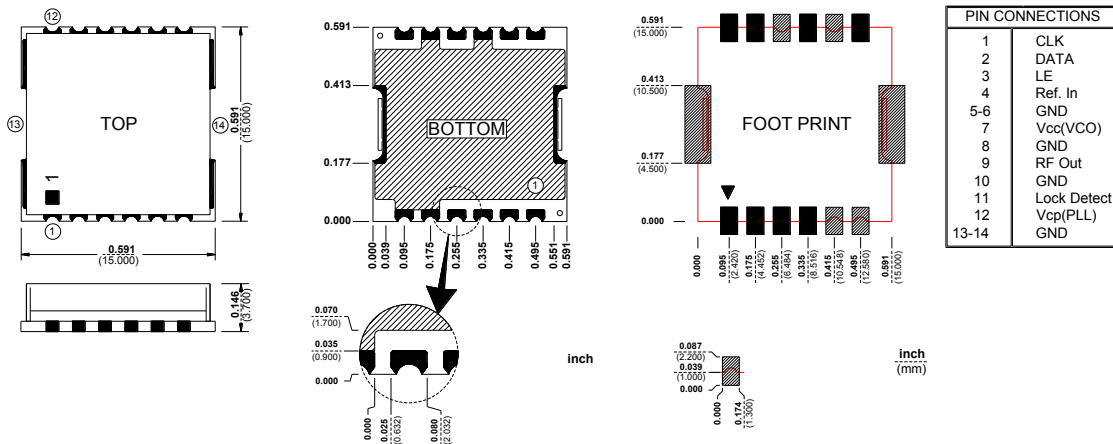


## Electrical Characteristics



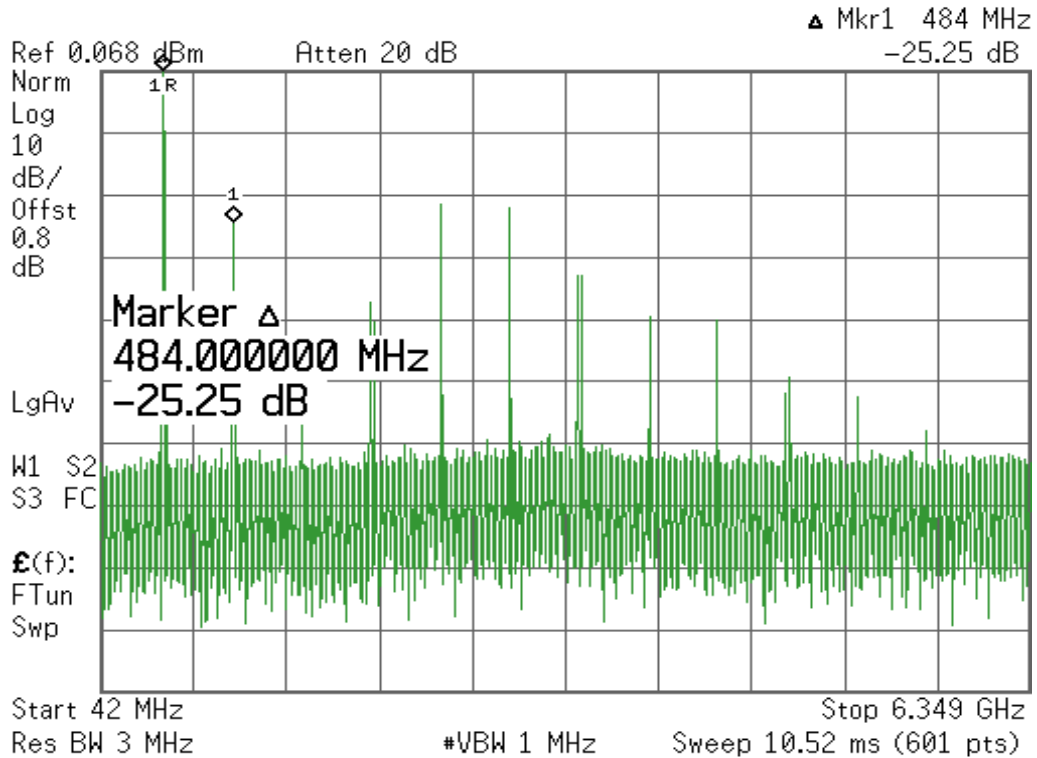
Parameter		Units	Min	Typ	Max
Operating Frequency Range		MHz	469		471
Step Size		kHz		25	
Settling Time		msec		10	30
Output Power		dBm	-2.0	0.0	+2.0
Output Impedance		$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz		-89	-84
	@10kHz offset	dBc/Hz		-111	-106
	@100kHz offset	dBc/Hz		-132	-127
	@1MHz offset	dBc/Hz		-150	-145
2nd Harmonic Suppression		dBc		-25	-20
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	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

