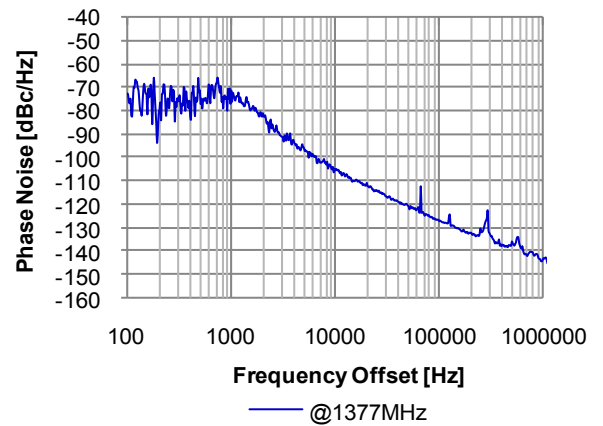


## Features

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

## Applications

- SATCOM radio link
- Receiver
- Test Equipment
- Radar
- Point-to-Point radio
- MMDS
- WiMAX

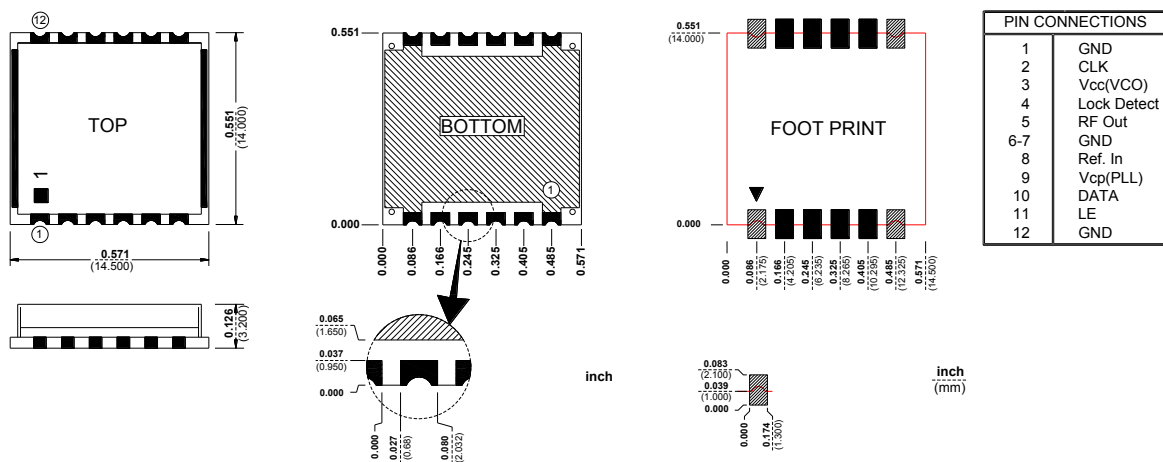


## Electrical Characteristics



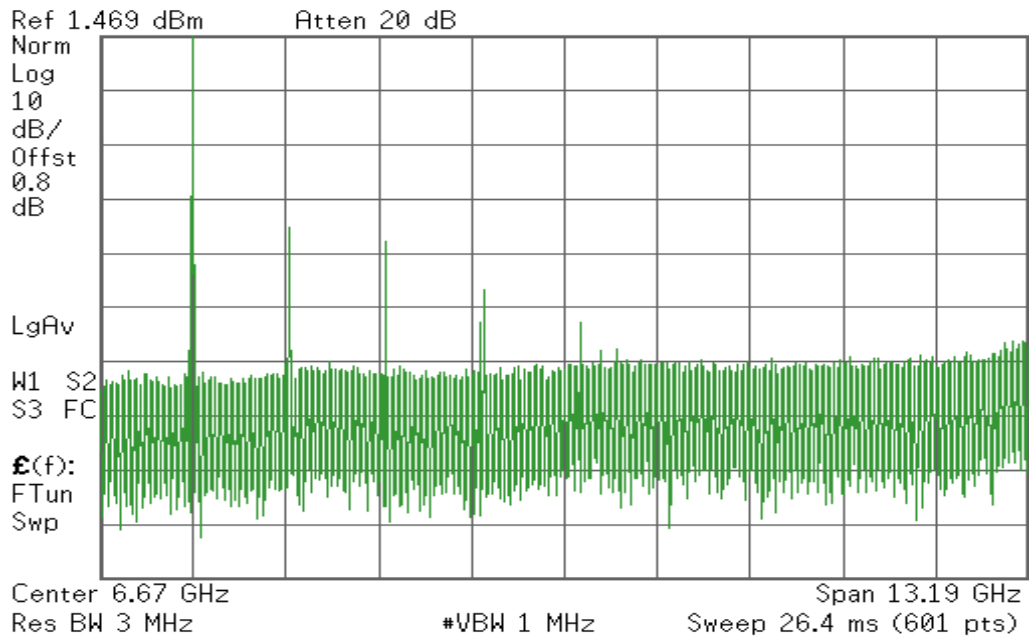
Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	1357		1397
Step Size	kHz		120	
Settling Time	msec		10	30
Output Power	dBm	0.0	+2.0	+4.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-73	-68
	@10kHz offset	dBc/Hz	-105	-100
	@100kHz offset	dBc/Hz	-127	-122
	@1MHz offset	dBc/Hz	-143	-138
2nd Harmonic Suppression	dBc		-27	-20
Sideband Spurious Suppression	dBc			-65
Reference	Input Frequency	MHz	5	100
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	23	30
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

