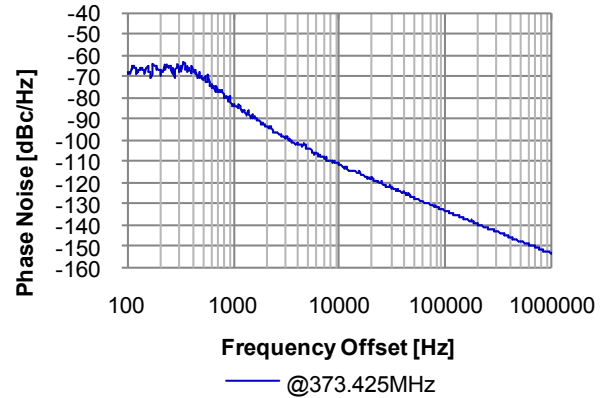


## Features

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

## Applications

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

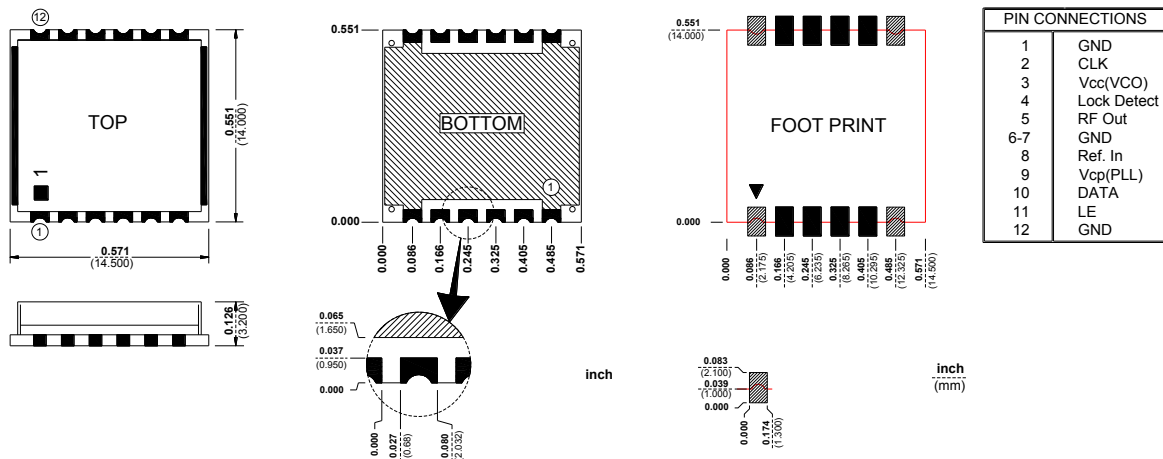


## Electrical Characteristics



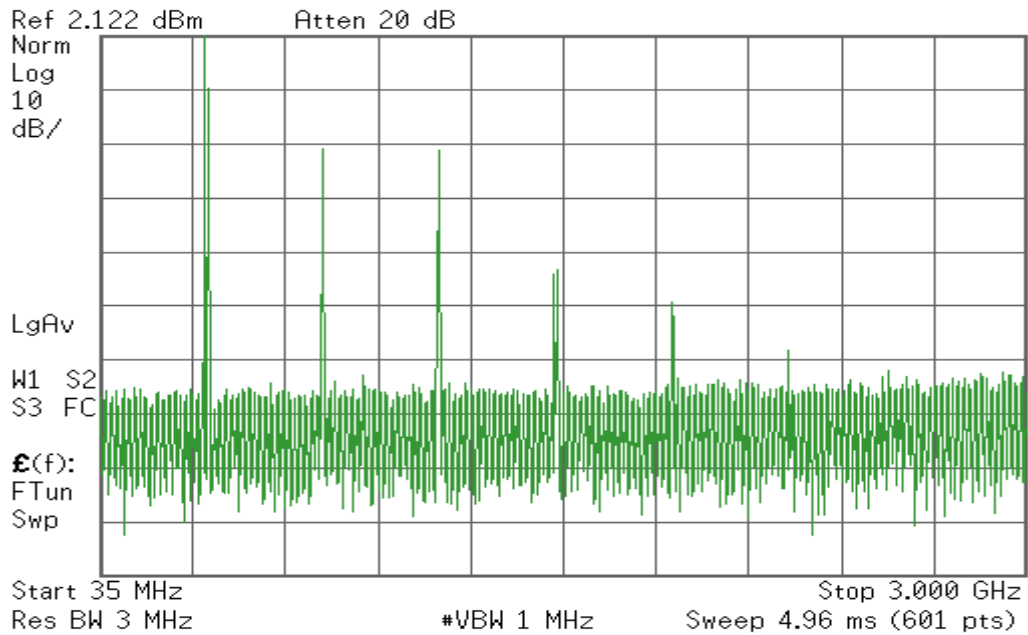
Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	358		388.85
Step Size	kHz		5	
Settling Time	msec		10	30
Output Power	dBm	0.0	+2.0	+4.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-83	-78
	@10kHz offset	dBc/Hz	-111	-106
	@100kHz offset	dBc/Hz	-133	-128
	@1MHz offset	dBc/Hz	-154	-149
2nd Harmonic Suppression	dBc		-21	-15
Sideband Spurious Suppression	dBc			-55
Reference	Input Frequency	MHz	5	100
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	16	25
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

