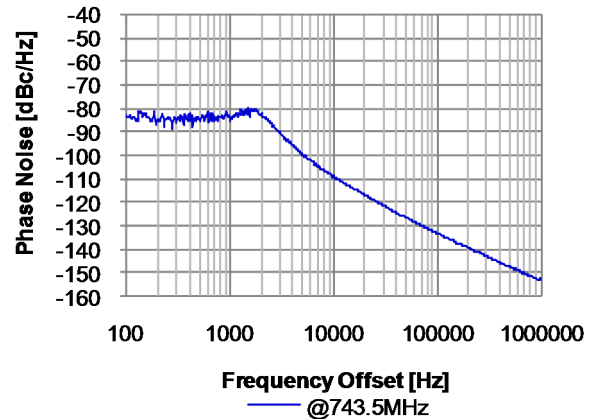


## Features

- 3 wire serial integer PLL
- Compact Size 0.75"x0.75"x0.23"
- Low phase noise
- Programming : LMX2326(NSC)

## Applications

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

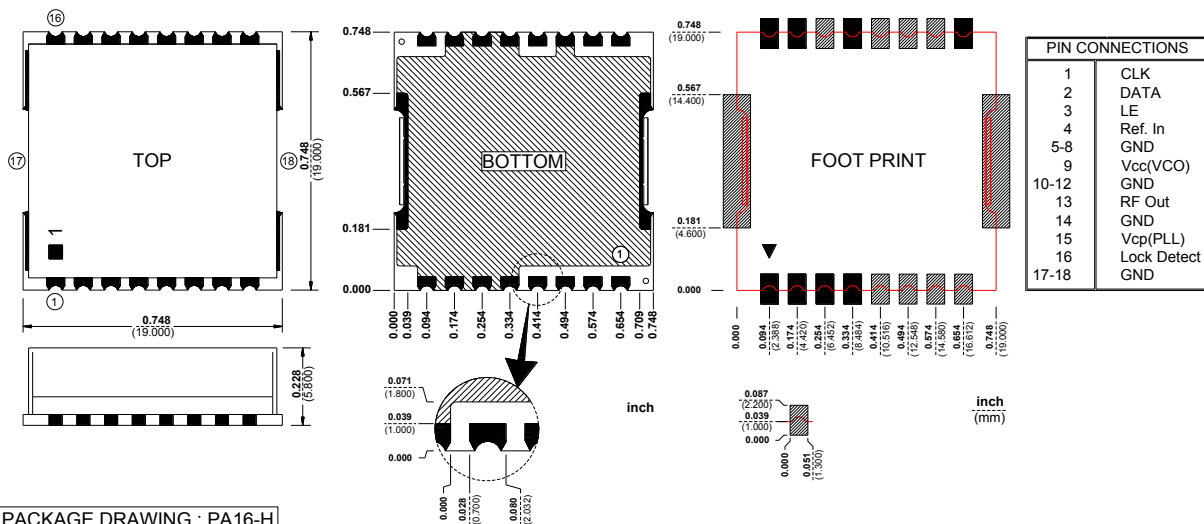


## Electrical Characteristics



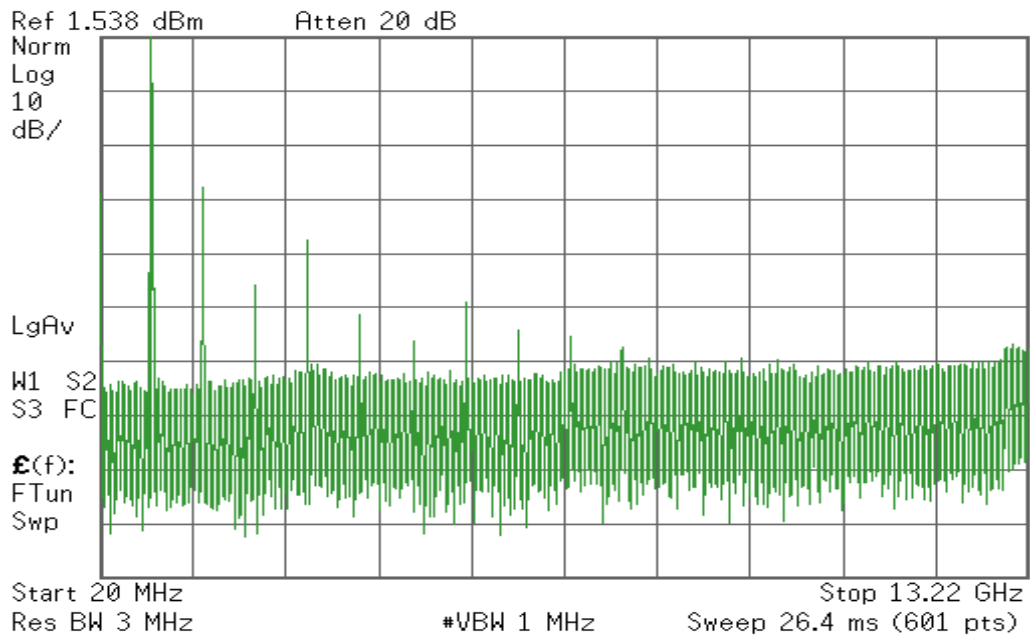
Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	738.50		748.50
Step Size	kHz		250	
Settling Time	msec		10	30
Output Power	dBm	0.0	+2.0	+4.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-83	-78
	@10kHz offset	dBc/Hz	-110	-105
	@100kHz offset	dBc/Hz	-132	-127
	@1MHz offset	dBc/Hz	-153	-148
2nd Harmonic Suppression	dBc		-28	-20
Sideband Spurious Suppression	dBc			-80
Reference	Input Frequency	MHz	5	100
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	14	25
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

## Dimensions



PACKAGE DRAWING : PA16-H

## Harmonic Suppression



## Sideband Spurious Suppression

