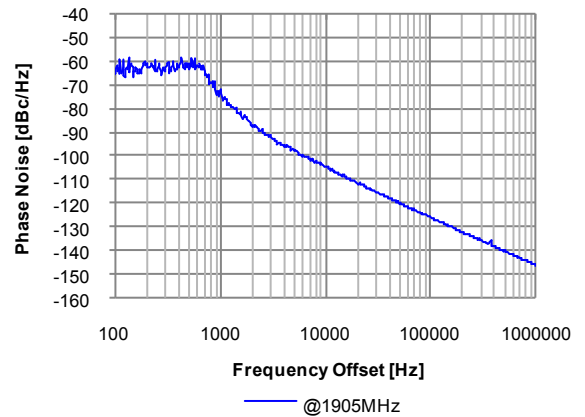


## Features

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

## Applications

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

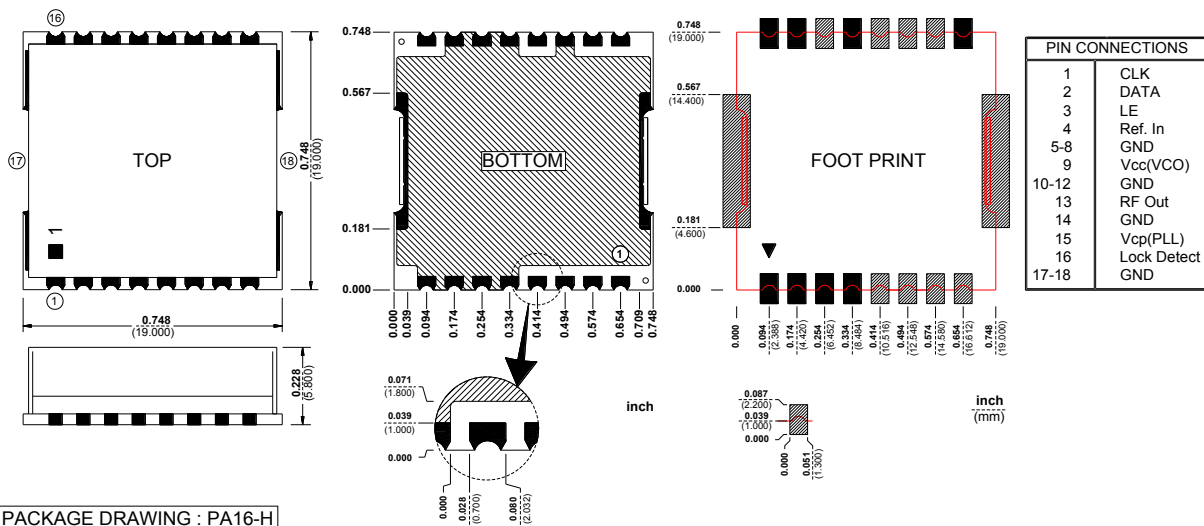


## Electrical Characteristics

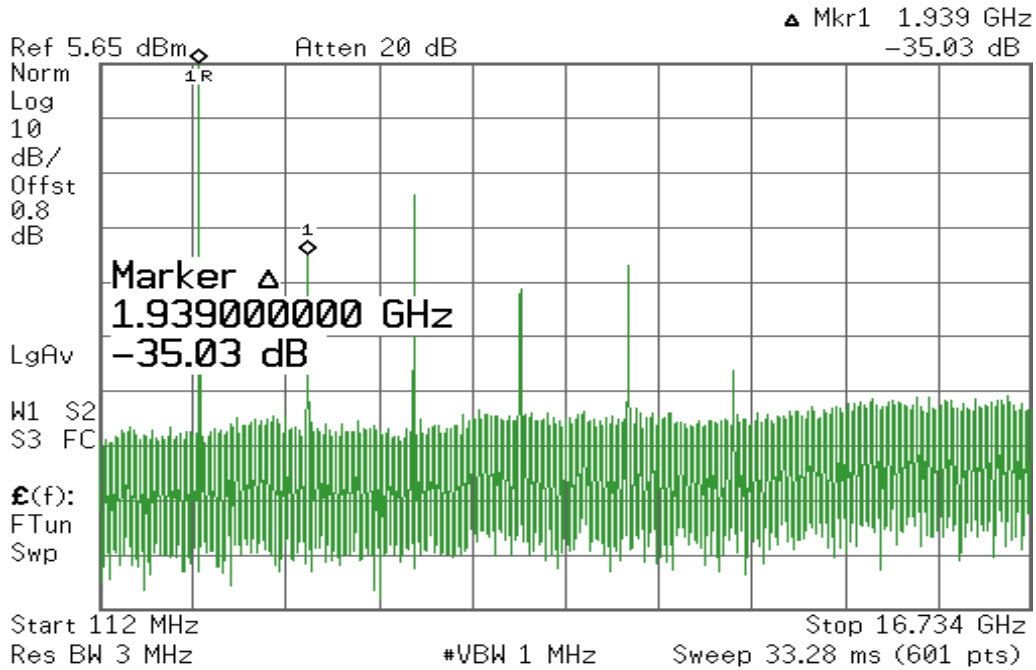


Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	1870		1940
Step Size	kHz		50	
Settling Time	msec		10	30
Output Power	dBm	+5.0	+7.0	+9.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-67	-62
	@10kHz offset	dBc/Hz	-100	-95
	@100kHz offset	dBc/Hz	-125	-120
	@1MHz offset	dBc/Hz	-143	-138
2nd Harmonic Suppression	dBc		-35	-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	23	30
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

## Dimensions



## Harmonic Suppression



## Sideband Spurious Suppression

