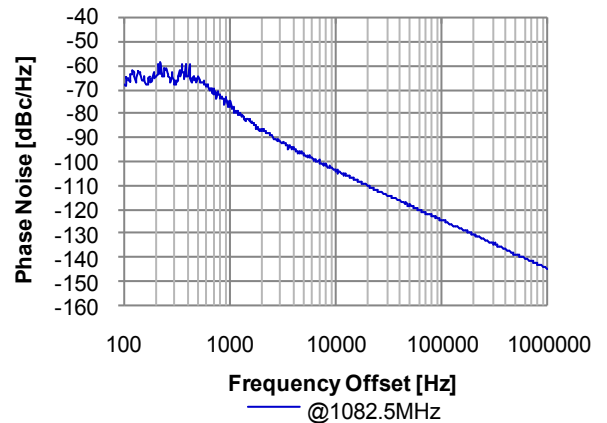


## Features

- 3 wire serial integer PLL
- Miniature size (0.37"x0.39"x0.09")
- Low phase noise
- Programming : LMX2331(NSC)

## Applications

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

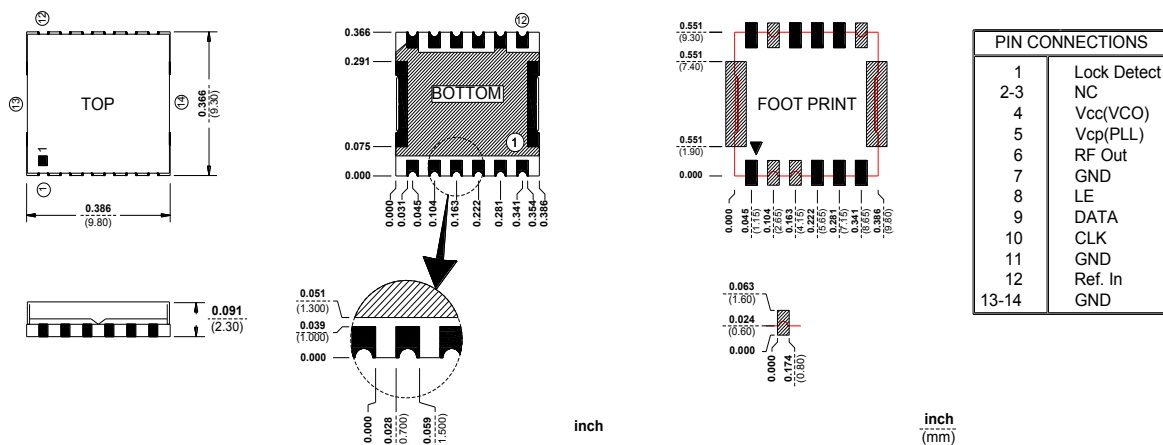


## Electrical Characteristics

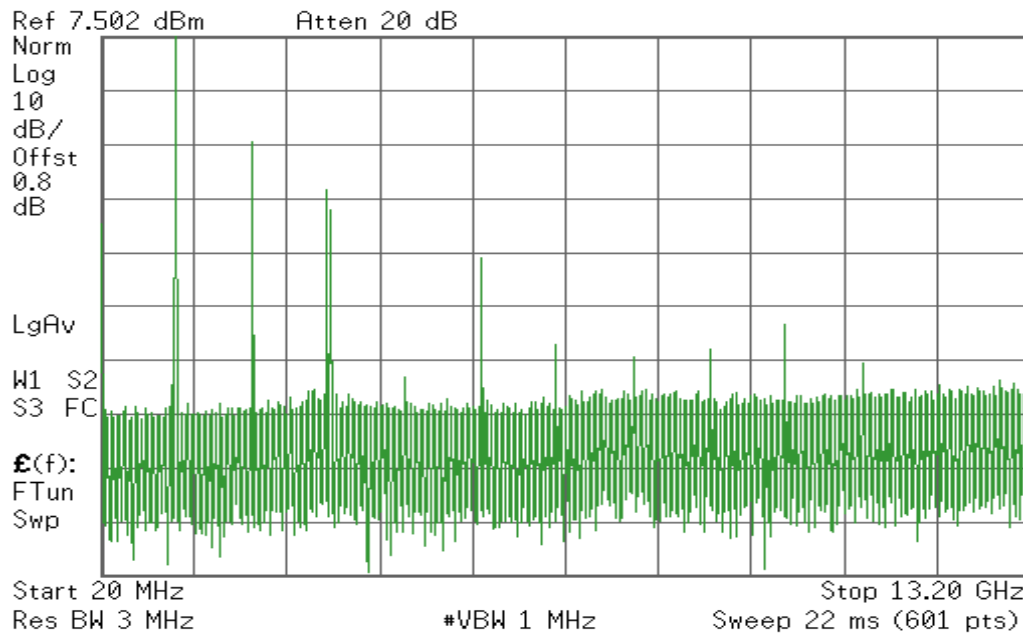


Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	1065		1100
Step Size	kHz		50	
Settling Time	msec		10	30
Output Power	dBm	+5.0	+7.0	+9.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-76	-71
	@10kHz offset	dBc/Hz	-103	-98
	@100kHz offset	dBc/Hz	-123	-118
	@1MHz offset	dBc/Hz	-144	-139
2nd Harmonic Suppression	dBc		-19	-15
Sideband Spurious Suppression	dBc			-80
Reference	Input Frequency	MHz	5	40
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	31	40
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

