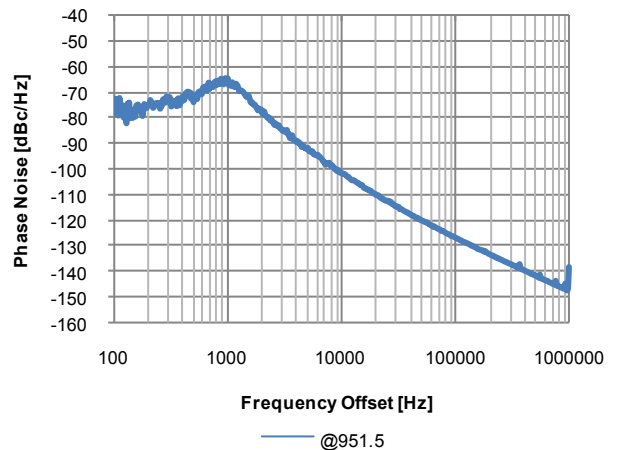


## Features

- No Programming Required
- Compact Size 0.5"x0.5"x0.12"
- Internal Reference(2.5ppm vs Temp)
- Low Phase Noise

## Applications

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

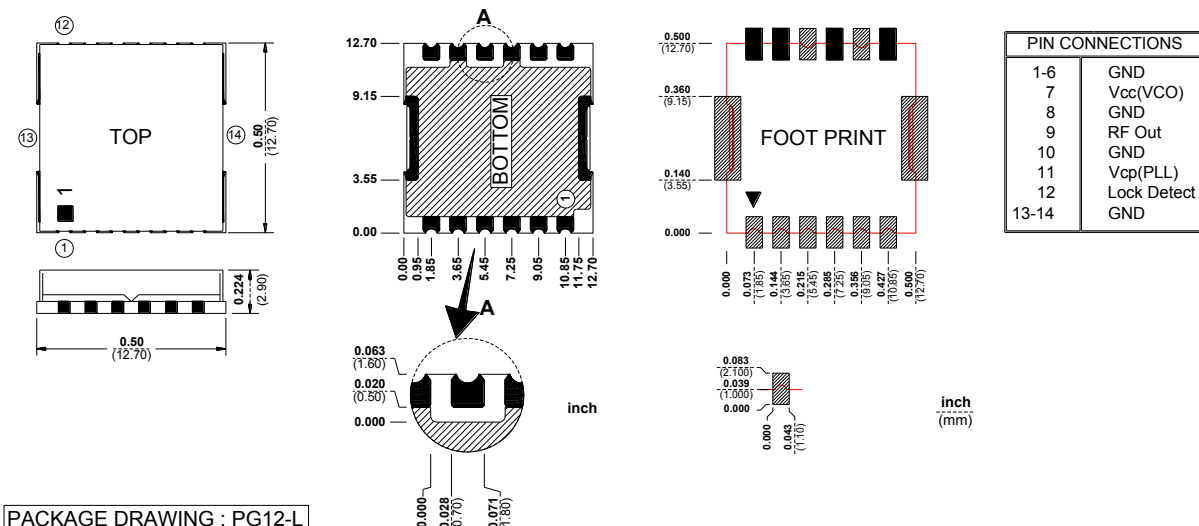


## Electrical Characteristics



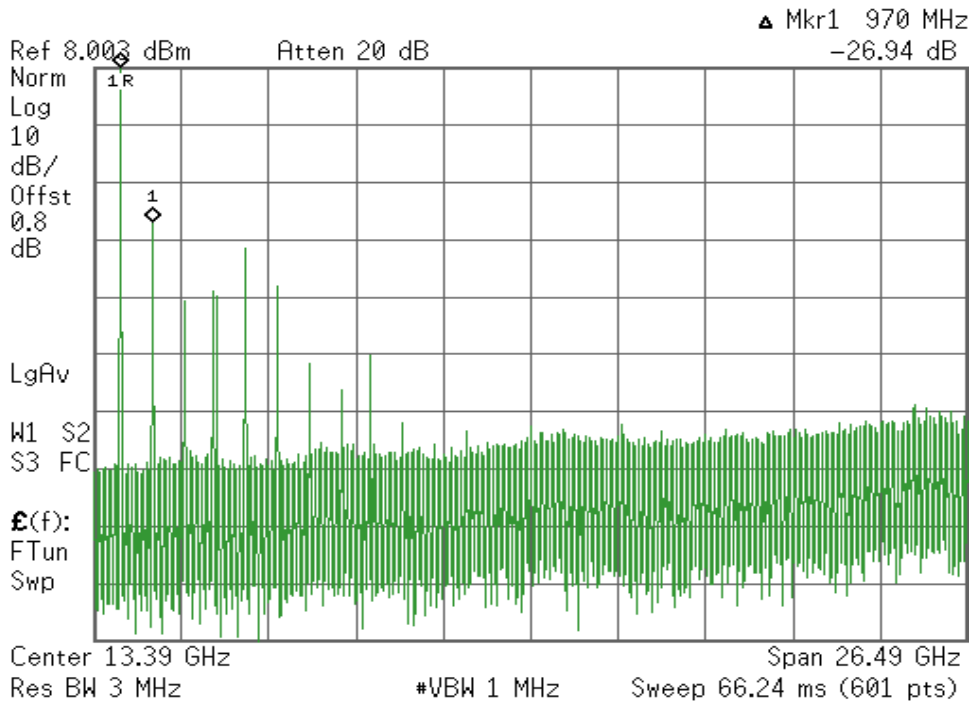
Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	951.50	-
Output Power	dBm	+5.0	+7.0	+9.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-75	-70
	@10kHz offset	dBc/Hz	-105	-100
	@100kHz offset	dBc/Hz	-127	-122
	@1MHz offset	dBc/Hz	-140	-135
2nd Harmonic Suppression	dBc		-27	-20
Sideband Spurious Suppression	dBc			-75
Reference	Frequency	MHz	13	
	Freq. Stability	ppm		2.5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	28	35
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

## Dimensions



PACKAGE DRAWING : PG12-L

## Harmonic Suppression



## Sideband Spurious Suppression

