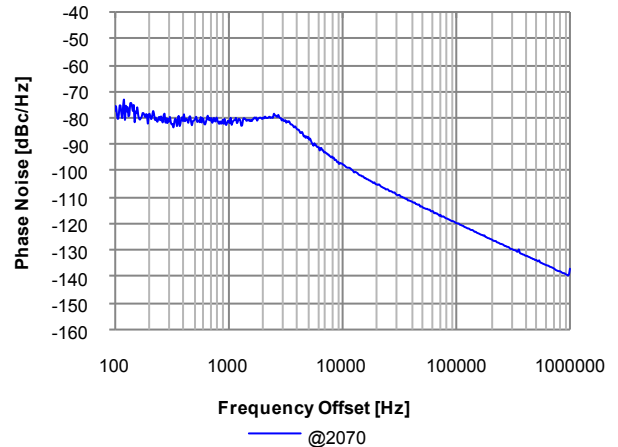


## Features

- No Programming Required
- Compact Size 0.5"x0.5"x0.12"
- Internal Reference(2.5ppm vs Temp)
- Low Phase Noise
- High Output Power (typ. +8dBm)

## Applications

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

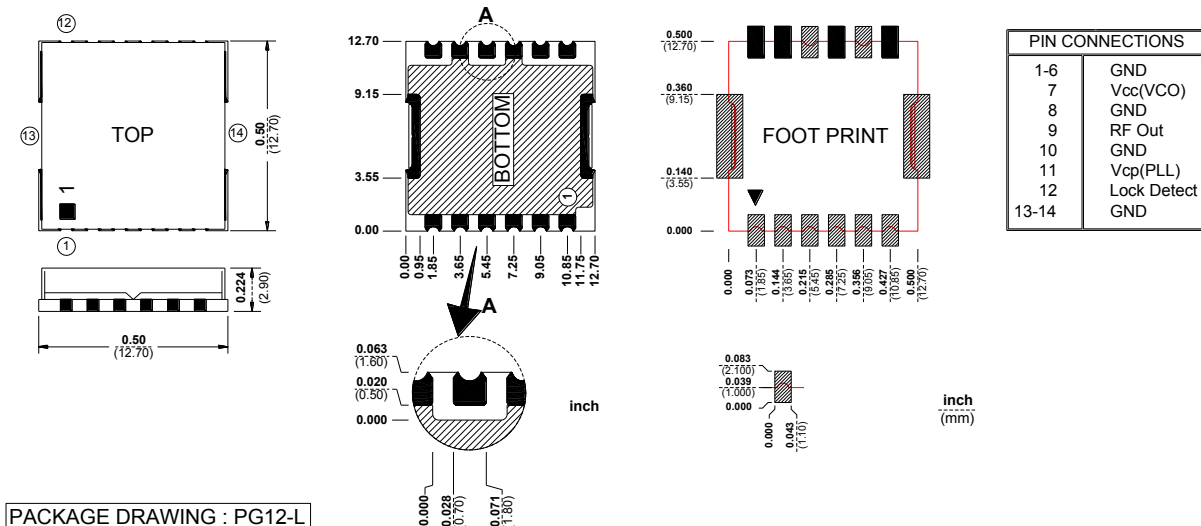


## Electrical Characteristics



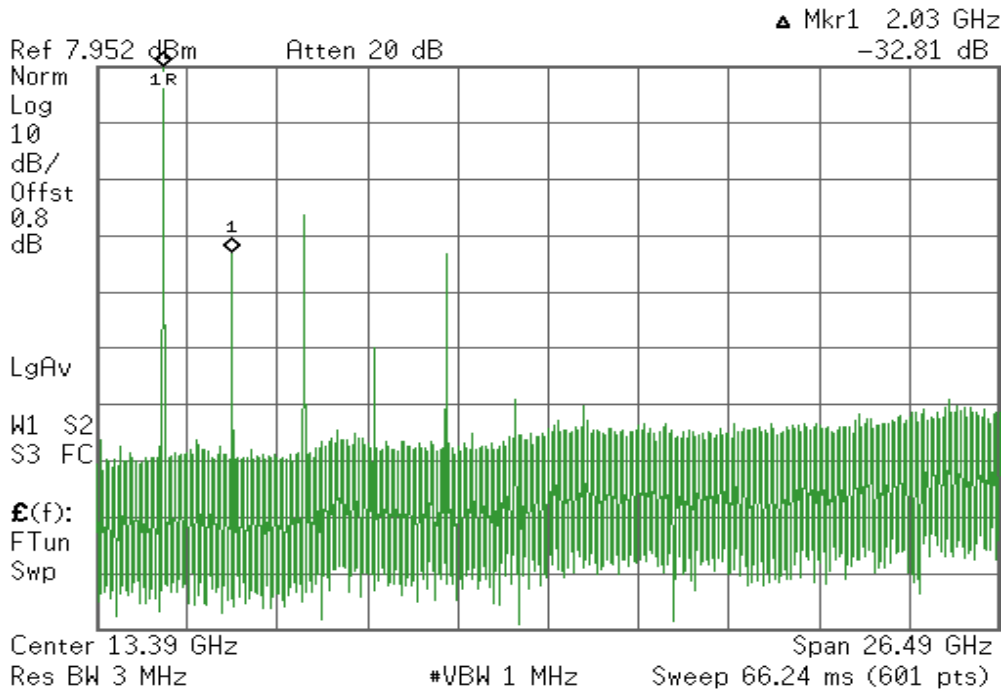
Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	2070	-
Output Power	dBm	+6.0	+8.0	+10.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-76	-71
	@10kHz offset	dBc/Hz	-99	-94
	@100kHz offset	dBc/Hz	-120	-115
	@1MHz offset	dBc/Hz	-140	-135
2nd Harmonic Suppression	dBc		-32	-20
Sideband Spurious Suppression	dBc			-75
Reference	Frequency	MHz		13
	Freq. Stability	ppm		2.5
VCO Power Supply (Vcc)	Voltage	Vdc		5
	Current	mA		30
PLL Power Supply (Vcp)	Voltage	Vdc		5
	Current	mA		10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

## Dimensions



PACKAGE DRAWING : PG12-L

## Harmonic Suppression



## Sideband Spurious Suppression

