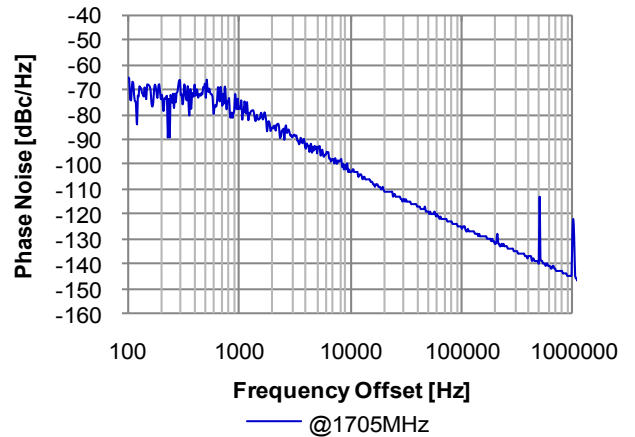


## Features

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

## Applications

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

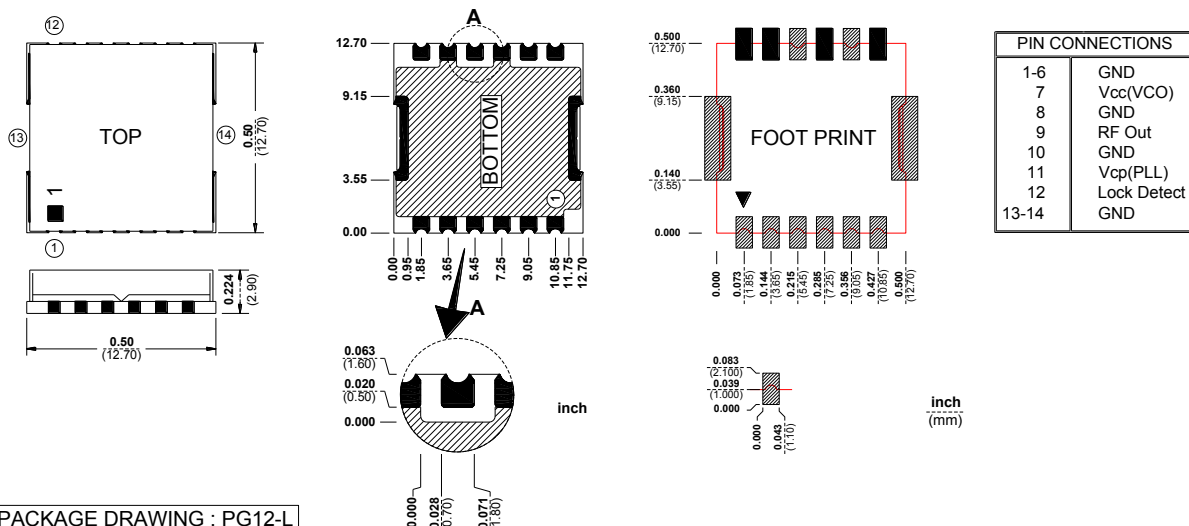


## Electrical Characteristics



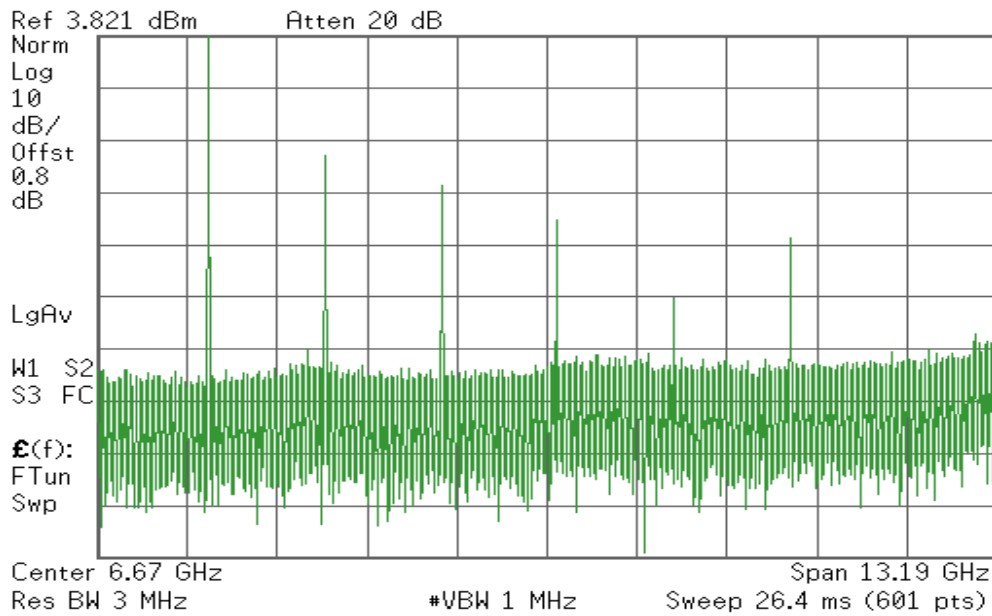
Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	1705	-
Output Power	dBm	+1.0	+3.0	+5.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-73	-68
	@10kHz offset	dBc/Hz	-102	-97
	@100kHz offset	dBc/Hz	-125	-120
	@1MHz offset	dBc/Hz	-143	-138
2nd Harmonic Suppression	dBc		-22	-15
Sideband Spurious Suppression	dBc			-65
Reference	Frequency	MHz	13	
	Freq. Stability	ppm		2.5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	22	30
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

