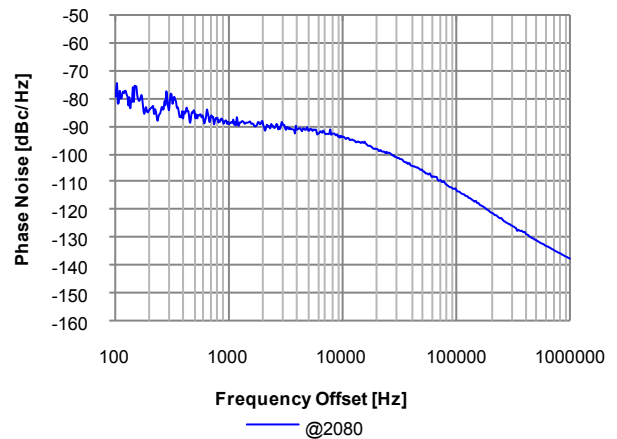


## Features

- No Programming Required
- Subminiature Size (0.5"x0.5"x0.12")
- Low Phase Noise

## Applications

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

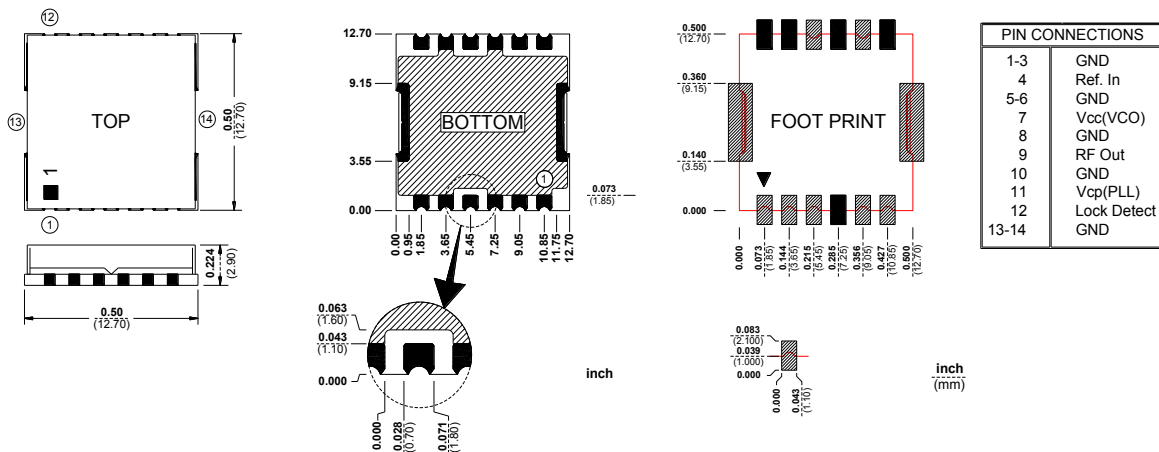


## Electrical Characteristics



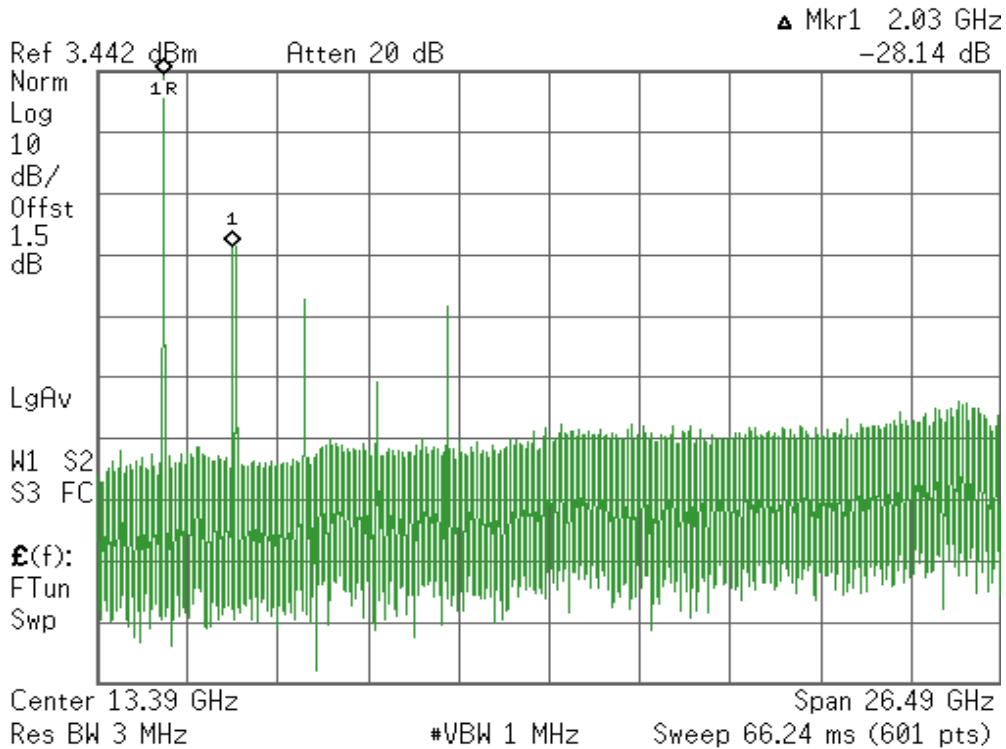
Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	2080	-
Output Power	dBm	+2.0	+4.0	+6.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-90	-85
	@10kHz offset	dBc/Hz	-93	-88
	@100kHz offset	dBc/Hz	-113	-108
	@1MHz offset	dBc/Hz	-138	-133
2nd Harmonic Suppression	dBc		-28	-20
Sideband Spurious Suppression	dBc			-75
Reference	Input Frequency	MHz		10
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc		5
	Current	mA		25
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

