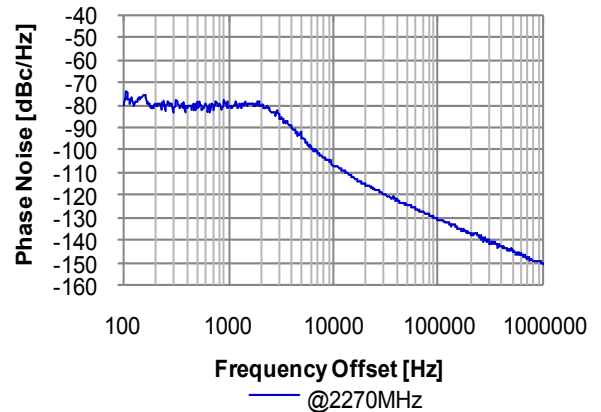


Features

- No Programming Required
- Compact Size (0.75"x0.75"x0.23")
- Very Low Phase Noise (typ.-108@10kHz)

Applications

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

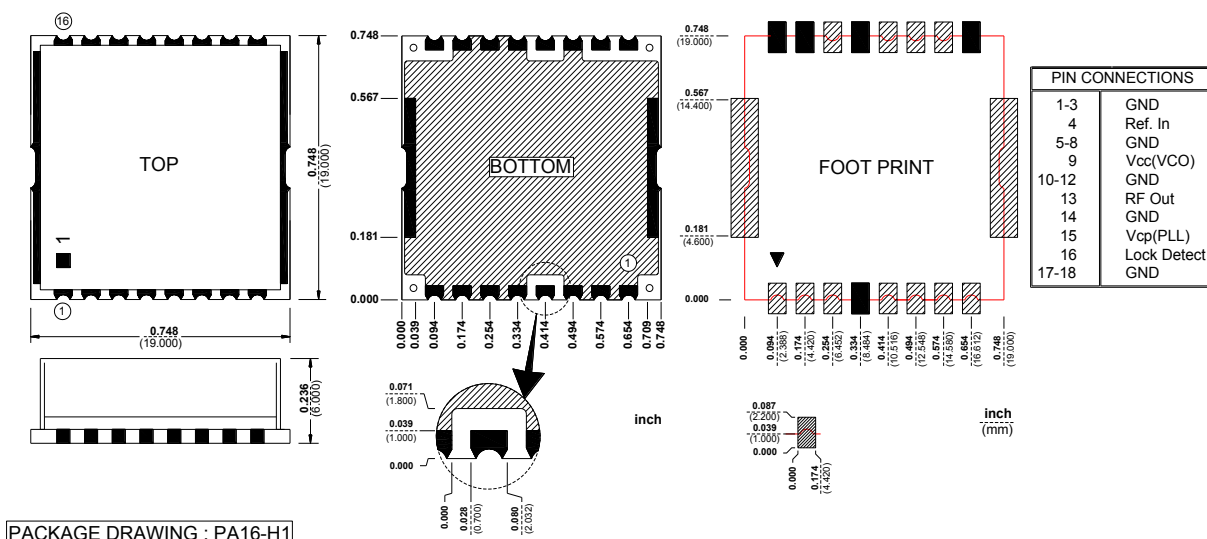


Electrical Characteristics



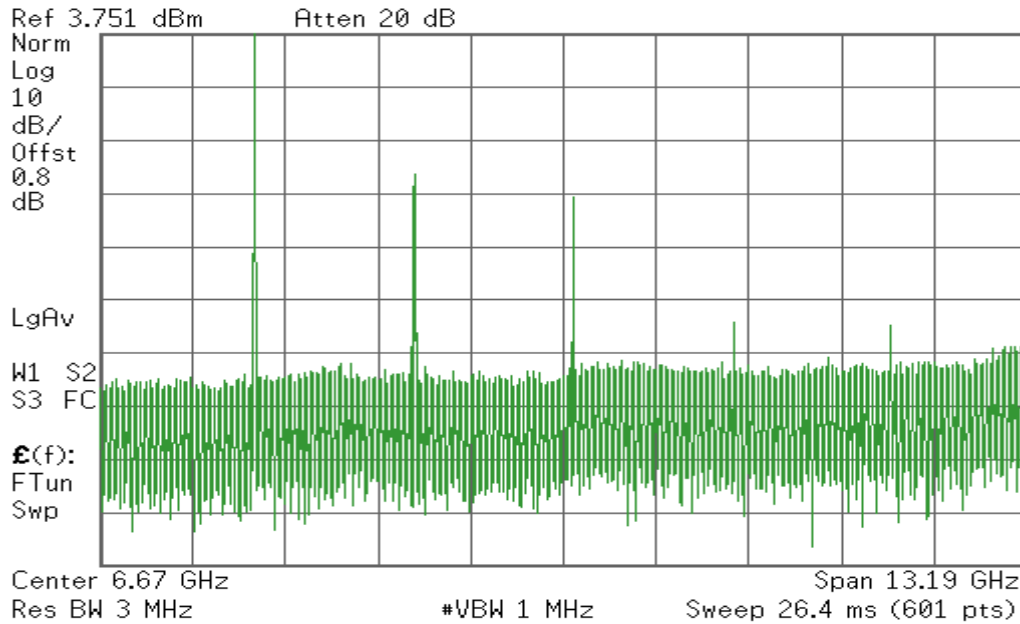
Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	2270	-
Output Power	dBm	+1.0	+3.0	+5.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset	dBc/Hz	-80	-75
	@10kHz offset	dBc/Hz	-108	-103
	@100kHz offset	dBc/Hz	-131	-126
	@1MHz offset	dBc/Hz	-150	-145
2nd Harmonic Suppression	dBc		-26	-20
Sideband Spurious Suppression	dBc			80
Reference	Input Frequency	MHz	10	
	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



PACKAGE DRAWING : PA16-H1

Harmonic Suppression



Sideband Spurious Suppression

