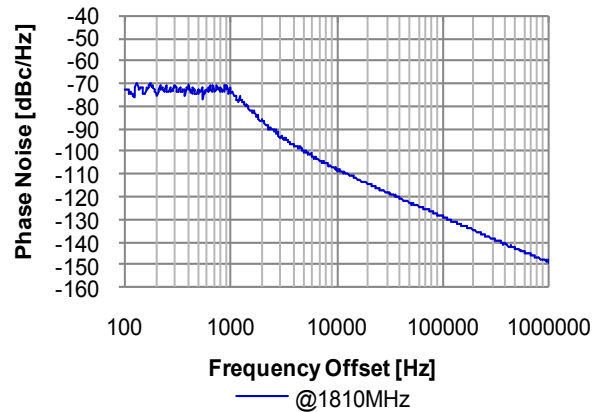


Features

- No Programming Required
- Compact Size (0.75"x0.75"x0.23")
- Very Low Phase Noise (typ.-109@10kHz)

Applications

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

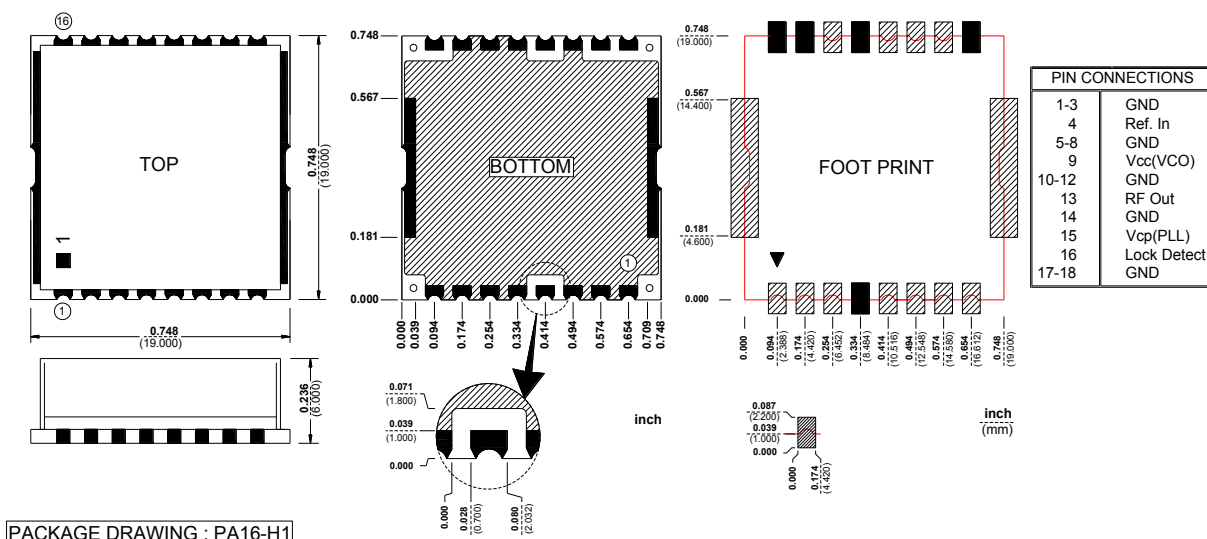


Electrical Characteristics



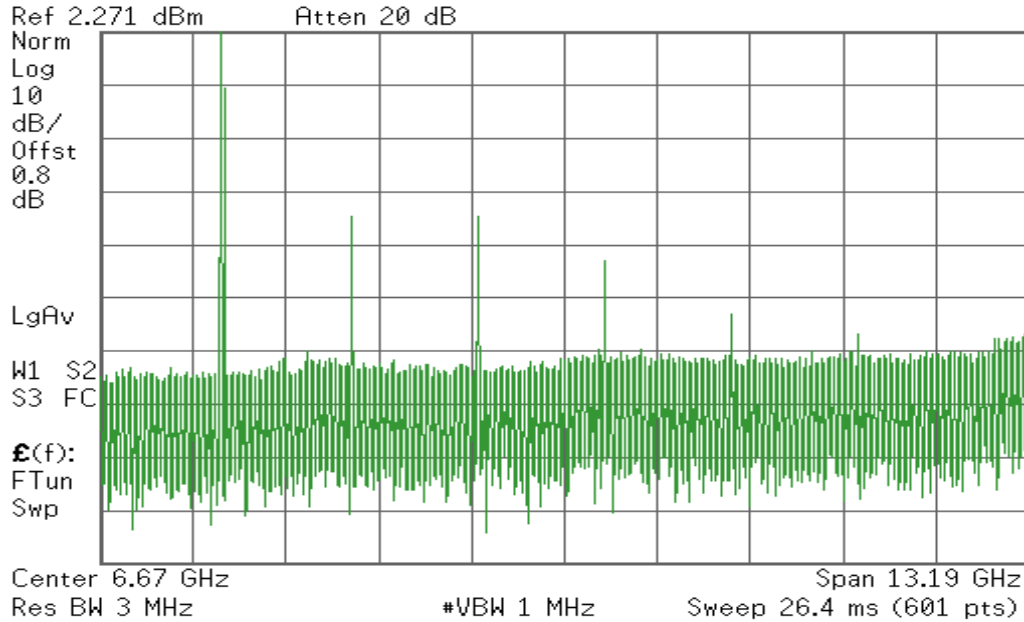
Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	1810	-
Output Power	dBm	+1.0	+3.0	+5.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset	dBc/Hz	-72	-67
	@10kHz offset	dBc/Hz	-109	-104
	@100kHz offset	dBc/Hz	-129	-124
	@1MHz offset	dBc/Hz	-149	-144
2nd Harmonic Suppression	dBc		-34	-20
Sideband Spurious Suppression	dBc			-80
Reference	Input Frequency	MHz		10
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc		5
	Current	mA		26
PLL Power Supply (Vcp)	Voltage	Vdc		5
	Current	mA		10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions



PACKAGE DRAWING : PA16-H1

Harmonic Suppression



Sideband Spurious Suppression

