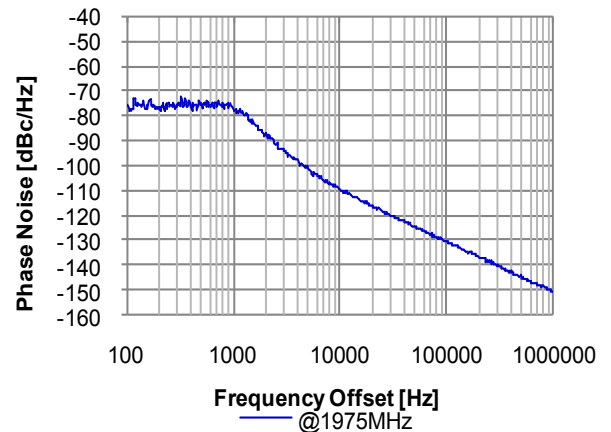


Features

- No Programming Required
- Compact Size (0.75"x0.75"x0.23")
- Very Low Phase Noise (typ.-110@10kHz)

Applications

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

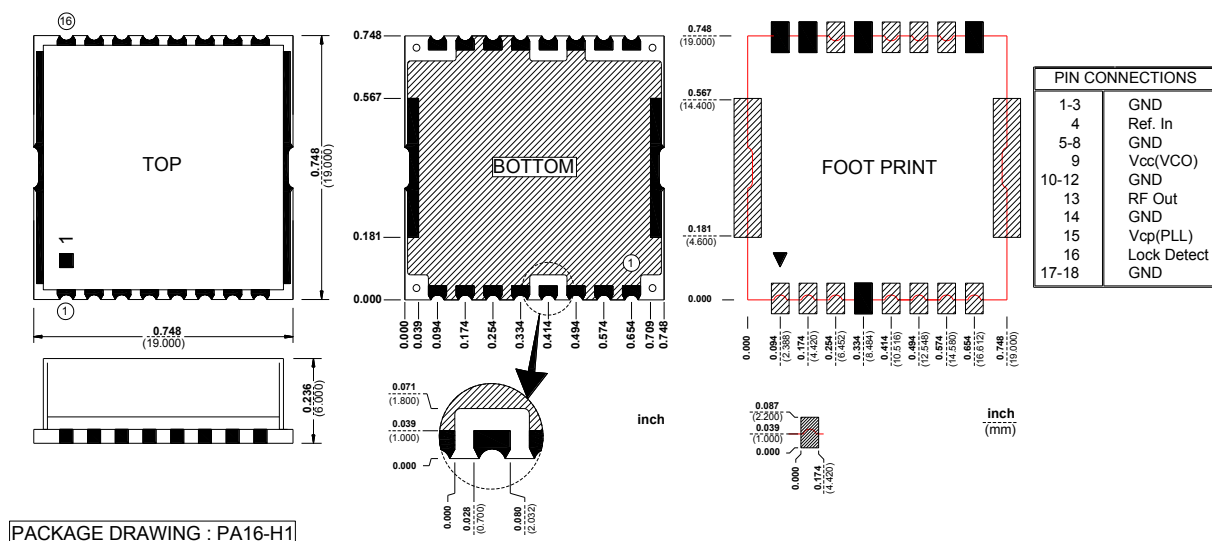


Electrical Characteristics

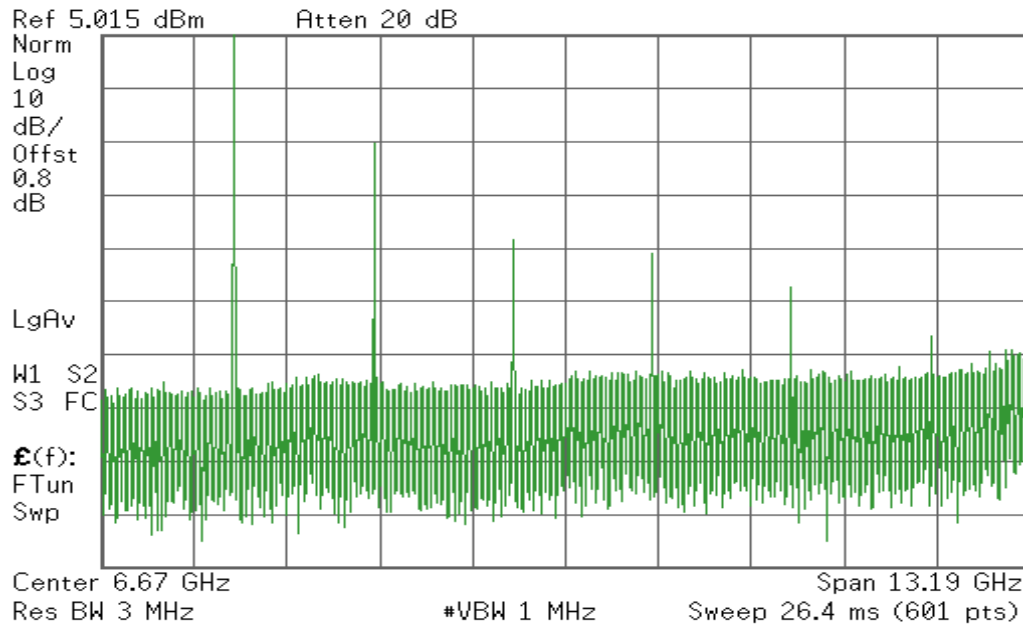


Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	1975	-
Output Power	dBm	+3.0	+5.0	+7.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset		-79	-74
	@10kHz offset		-110	-105
	@100kHz offset		-131	-126
	@1MHz offset		-150	-145
2nd Harmonic Suppression	dBc		-20	-15
Sideband Spurious Suppression	dBc			-80
Reference	Input Frequency	MHz	10	
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	26	35
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions



Harmonic Suppression



Sideband Spurious Suppression

