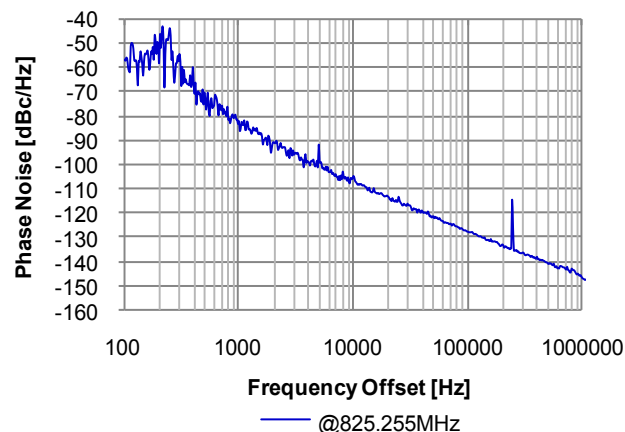


Features

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

Applications

- Base station
- Cable TV
- Satellite Communications
- UHF radio link

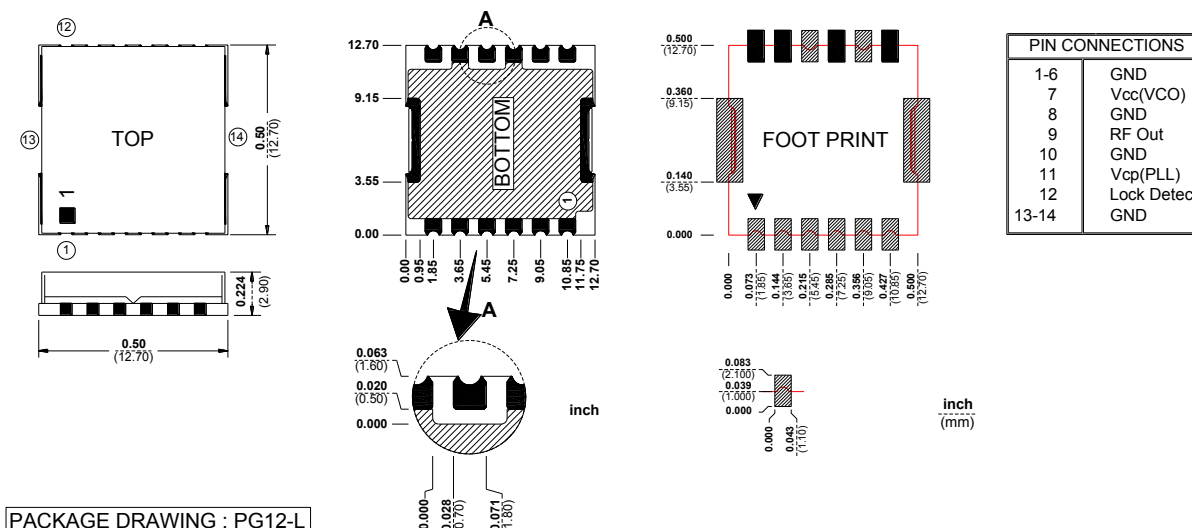


Electrical Characteristics

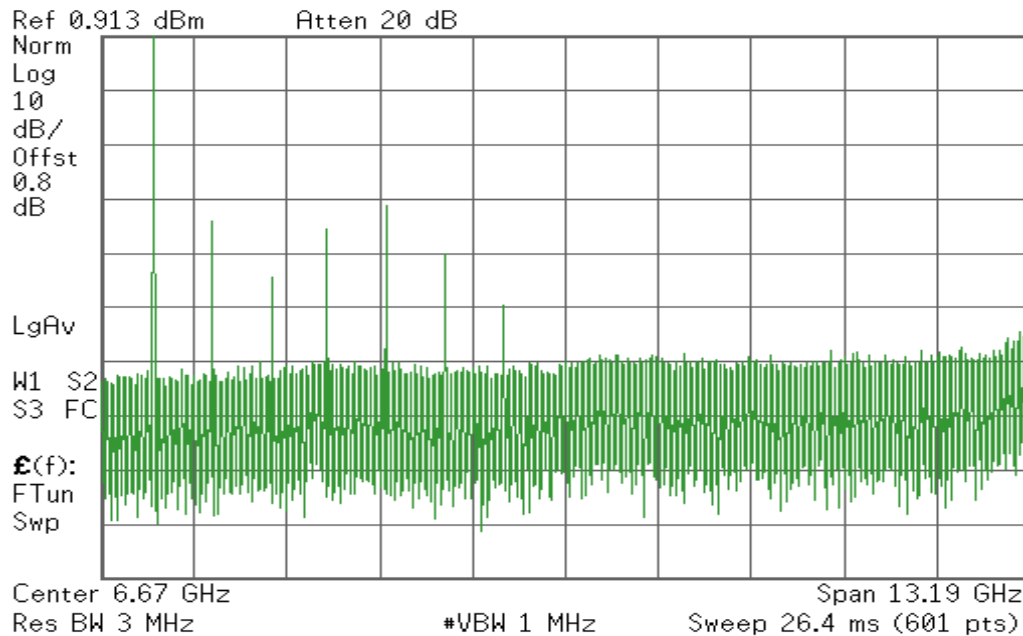


Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	825.255	-
Output Power	dBm	-2.0	0.0	+2.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset	dBc/Hz	-82	-77
	@10kHz offset	dBc/Hz	-107	-102
	@100kHz offset	dBc/Hz	-128	-123
	@1MHz offset	dBc/Hz	-145	-140
2nd Harmonic Suppression	dBc		-29	-20
Sideband Spurious Suppression	dBc			-70
Reference	Frequency	MHz	13	
	Freq. Stability	ppm		2.5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	24	30
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

