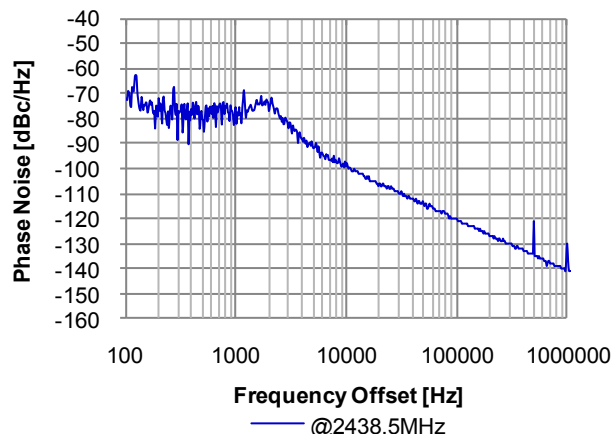


Features

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

Applications

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

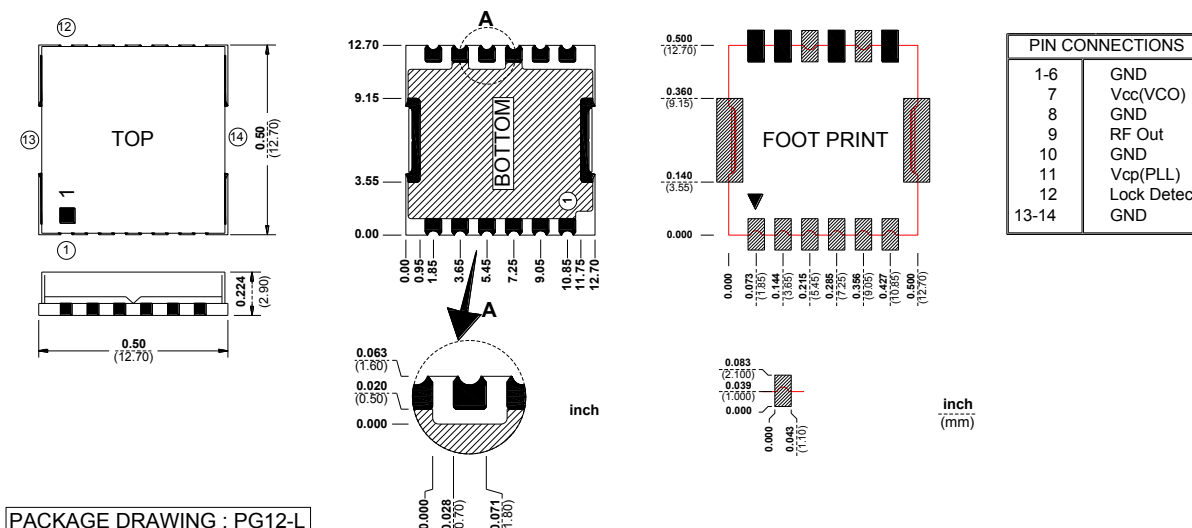


Electrical Characteristics

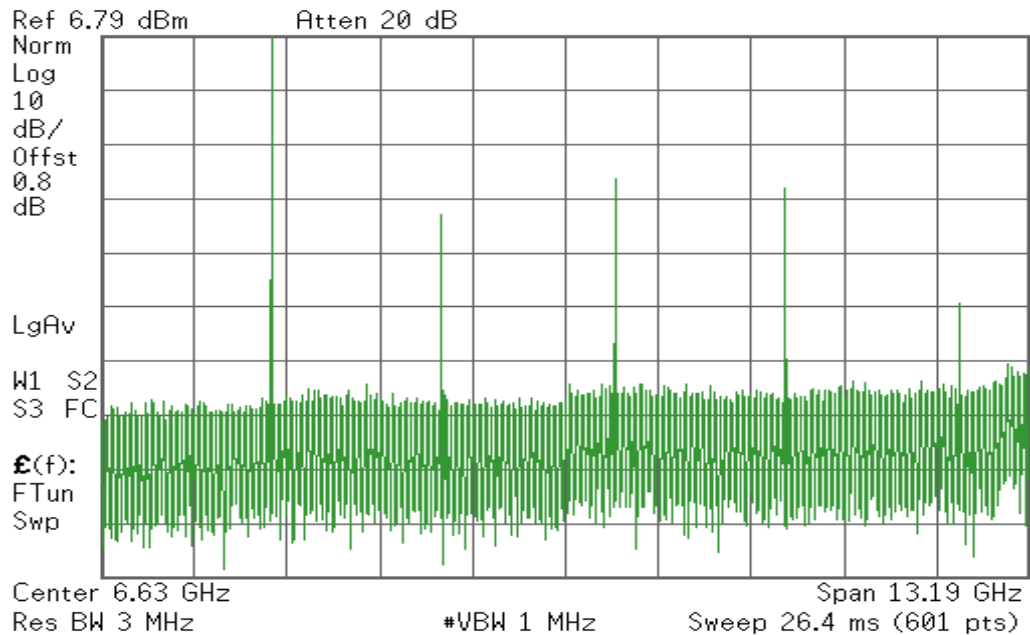


Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	2438.50	-
Output Power	dBm	+4.0	+6.0	+8.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset	dBc/Hz	-76	-71
	@10kHz offset	dBc/Hz	-98	-93
	@100kHz offset	dBc/Hz	-120	-115
	@1MHz offset	dBc/Hz	-139	-134
2nd Harmonic Suppression	dBc		-38	-20
Sideband Spurious Suppression	dBc			-70
Reference	Frequency	MHz	13	
	Freq. Stability	ppm		2.5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	28	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

