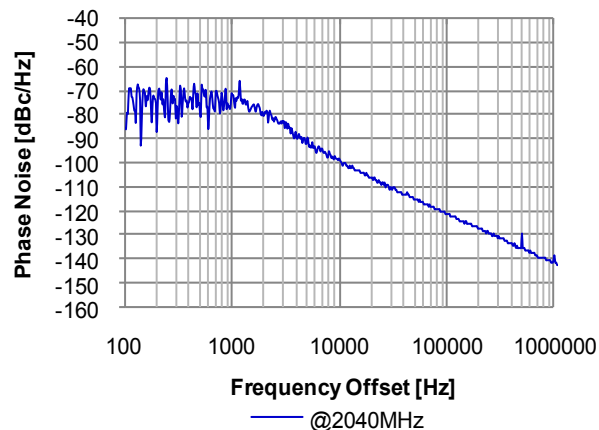


Features

- No Programming Required
- Subminiature Size (0.5"x0.5"x0.12")
- Low Phase Noise
- High Output Power (typ. +8dBm)

Applications

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

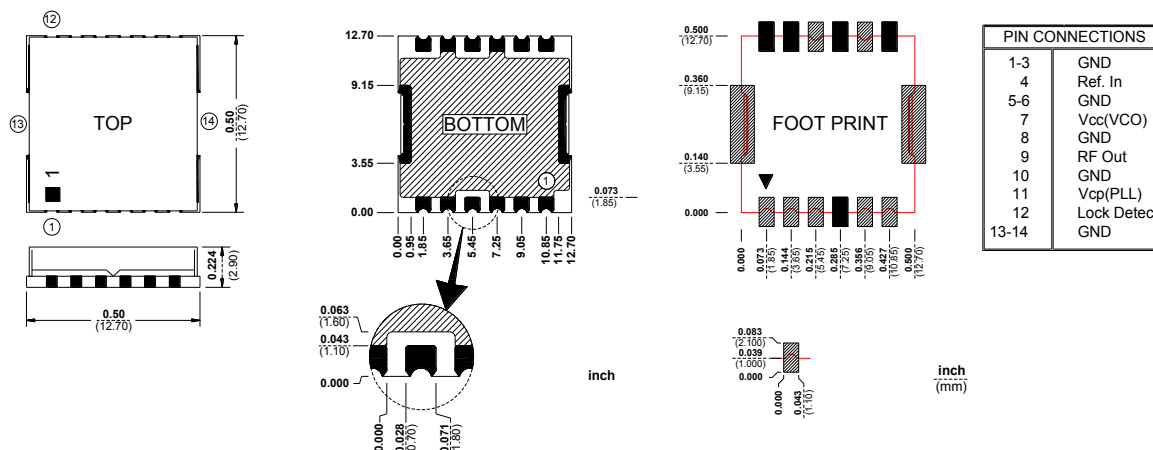


Electrical Characteristics



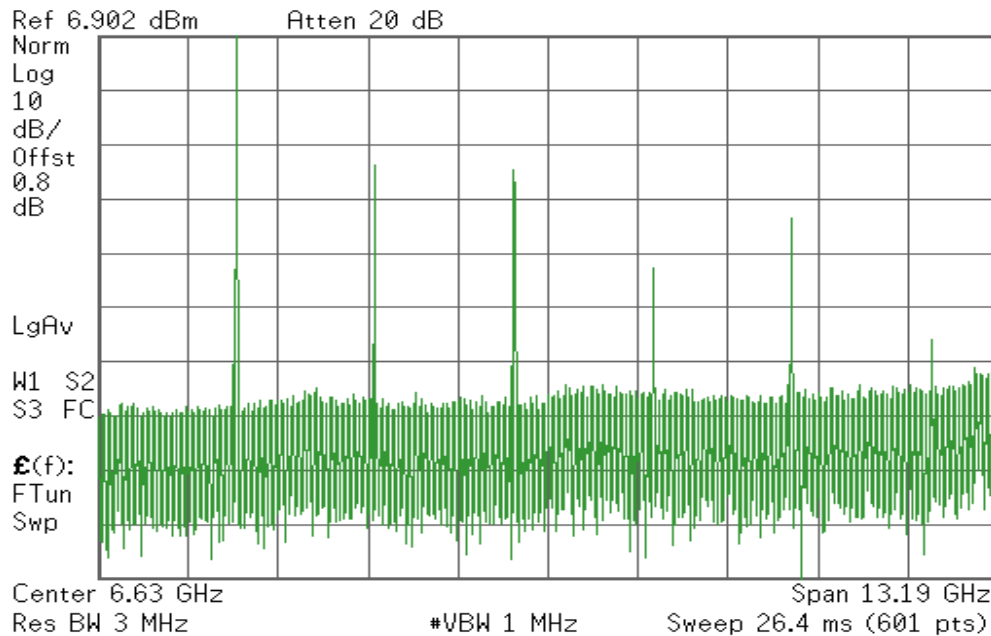
Parameter	Units	Min	Typ	Max
Fixed Frequency	MHz	-	2040	-
Output Power	dBm	+6.0	+8.0	+10.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset		-75	-70
	@10kHz offset		-99	-94
	@100kHz offset		-120	-115
	@1MHz offset		-141	-136
2nd Harmonic Suppression	dBc		-24	-20
Sideband Spurious Suppression	dBc			-80
Reference	Input Frequency	MHz	10	
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	24	30
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions



PACKAGE DRAWING : PG12-L

Harmonic Suppression



Sideband Spurious Suppression

