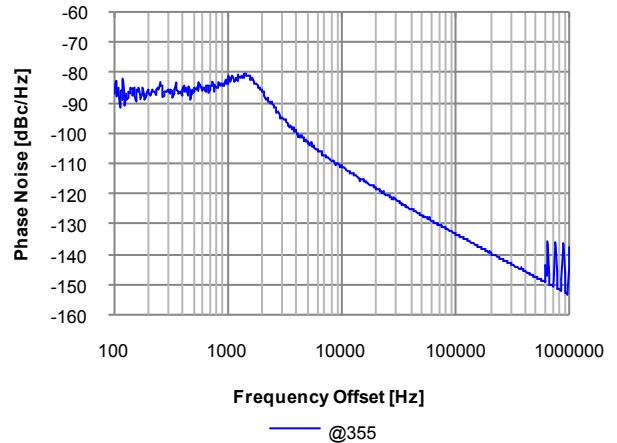


## Features

- 3 wire serial Fractional PLL
- Sub-Compact Size 0.6"x0.6"x0.15"
- Low phase noise
- Programming : LM2326(NSC)

## Applications

- Broadcast
- VHF radio
- Wireless Telemetry
- Test Instrument - Signal Generation

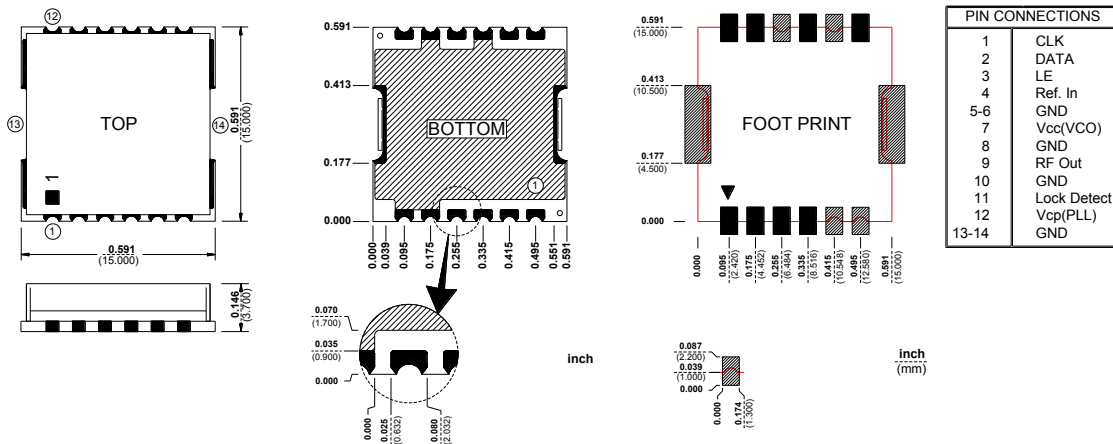


## Electrical Characteristics



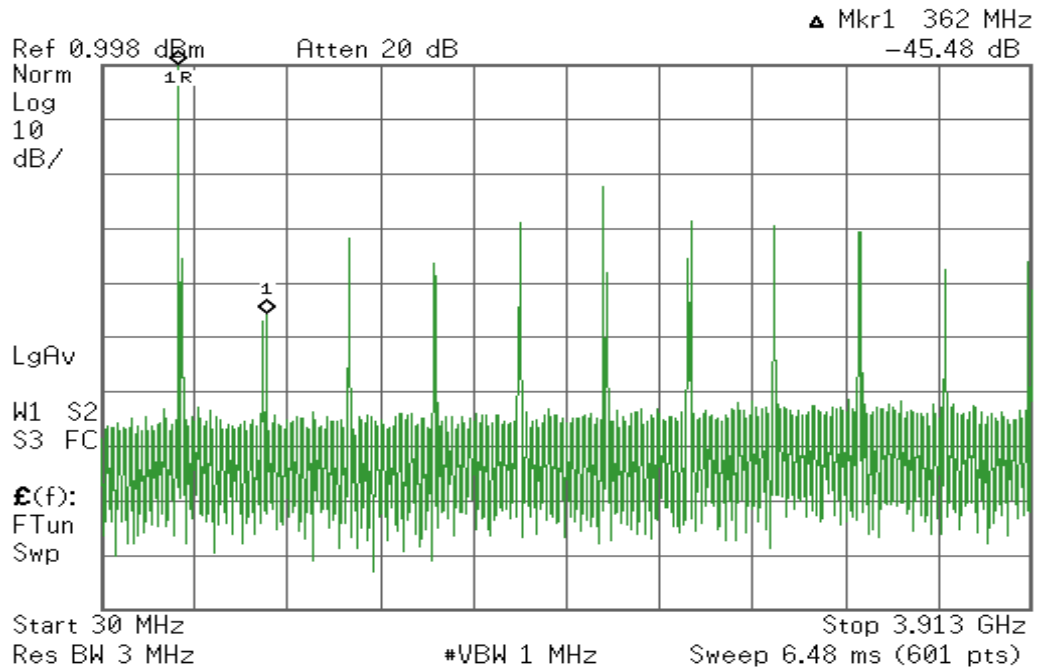
Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	346		364
Step Size	kHz		125	
Settling Time	msec		10	30
Output Power	dBm	-2.0	0.0	+4.0
Output Impedance	$\Omega$		50	
Phase Noise	@1kHz offset	dBc/Hz	-83	-78
	@10kHz offset	dBc/Hz	-112	-97
	@100kHz offset	dBc/Hz	-133	-128
	@1MHz offset	dBc/Hz	-140	-135
2nd Harmonic Suppression	dBc		-45	-20
Sideband Spurious Suppression	dBc			-70
Reference	Input Frequency	MHz	5	100
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	18	30
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

## Dimensions



PACKAGE DRAWING : PS12-L

## Harmonic Suppression



## Sideband Spurious Suppression

