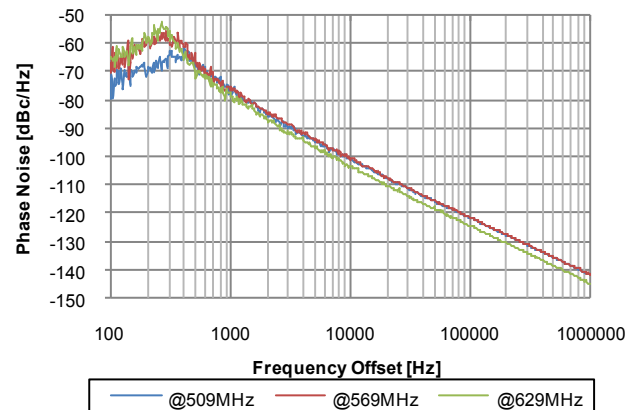


Features

- 3 wire serial integer PLL
- Compact Size 0.75"x0.75"x0.23"
- Low phase noise
- Programming : LMX2326(NSC)

Applications

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

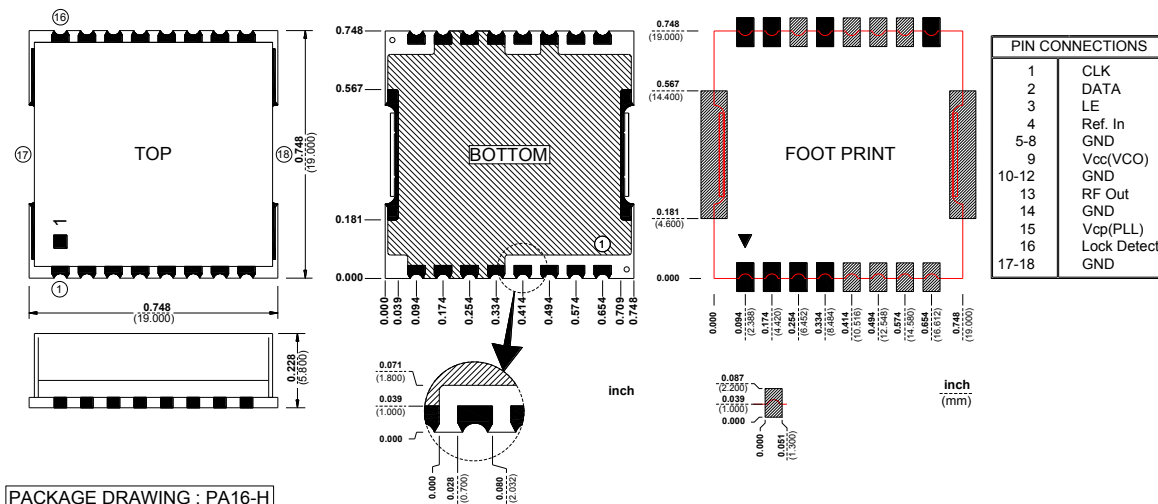


Electrical Characteristics



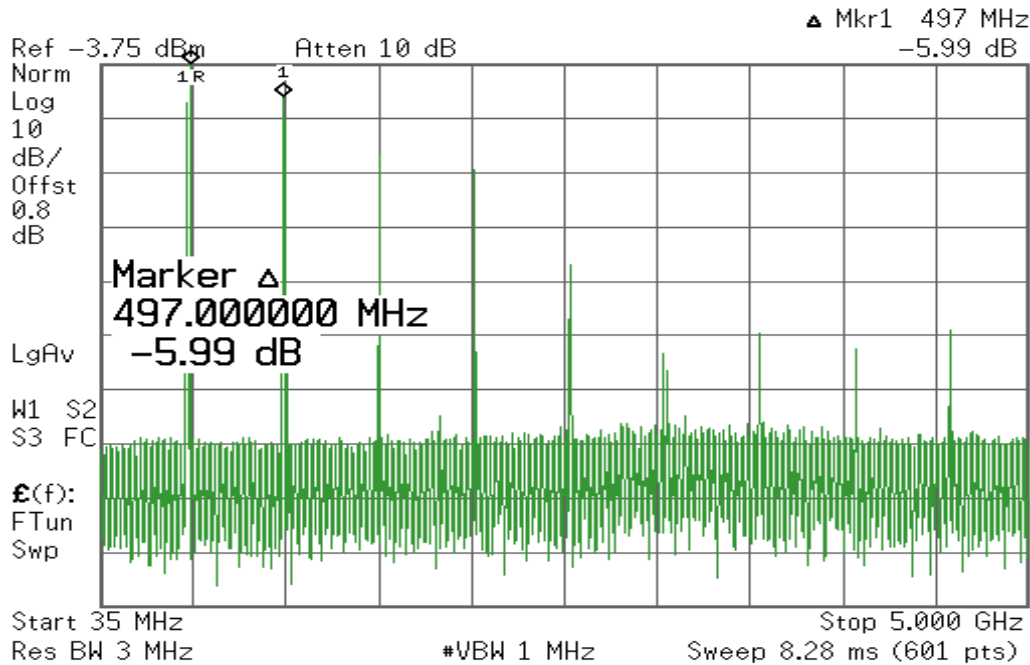
Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	509		629
Step Size	kHz		100	
Settling Time	msec		10	30
Output Power	dBm	-5.0	-3.0	-1.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset	dBc/Hz	-77	-76
	@10kHz offset	dBc/Hz	-103	-98
	@100kHz offset	dBc/Hz	-121	-116
	@1MHz offset	dBc/Hz	-140	-135
2nd Harmonic Suppression	dBc		-21	-10
Sideband Spurious Suppression	dBc			-80
Reference	Input Frequency	MHz	5	100
	Input Level	dBm	-5	+5
VCO Power Supply (Vcc)	Voltage	Vdc	5	
	Current	mA	20	30
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions

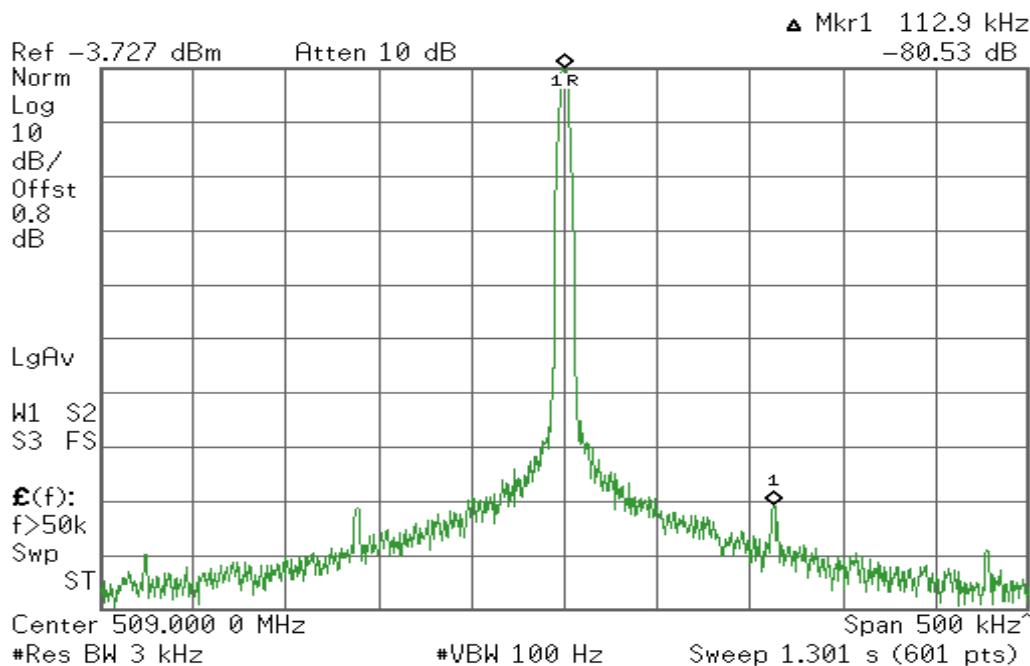


PACKAGE DRAWING : PA16-H

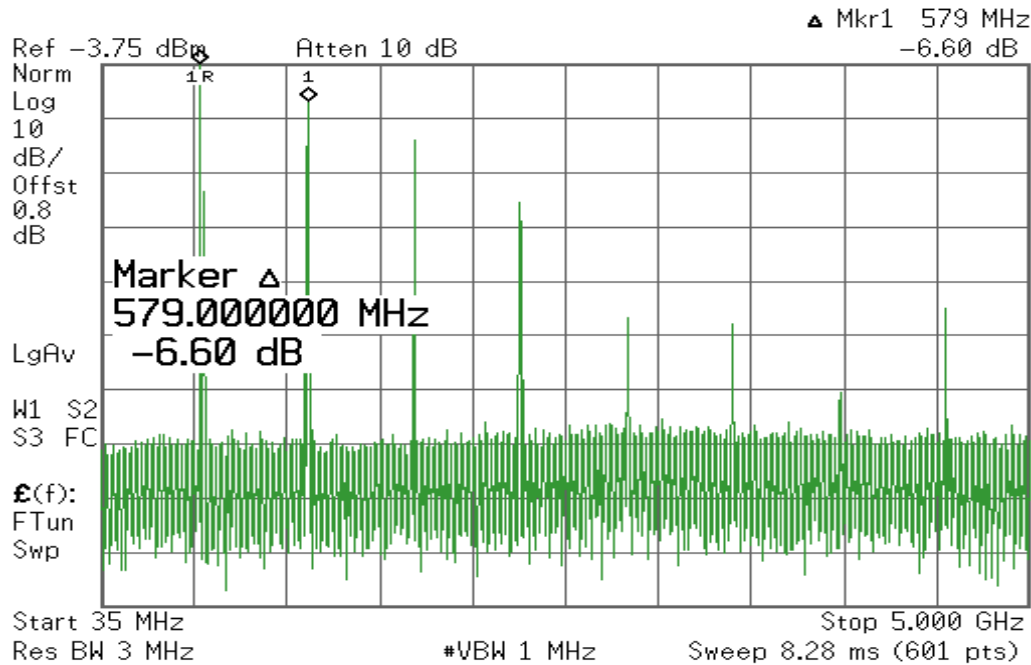
Harmonic Suppression - @509MHz



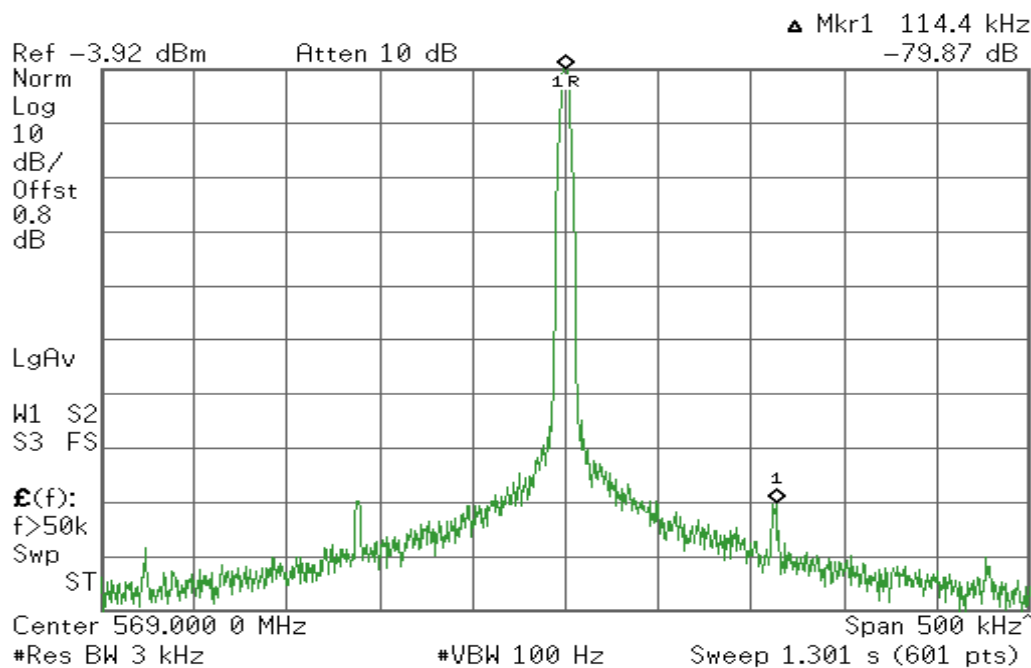
Sideband Spurious Suppression - @509MHz



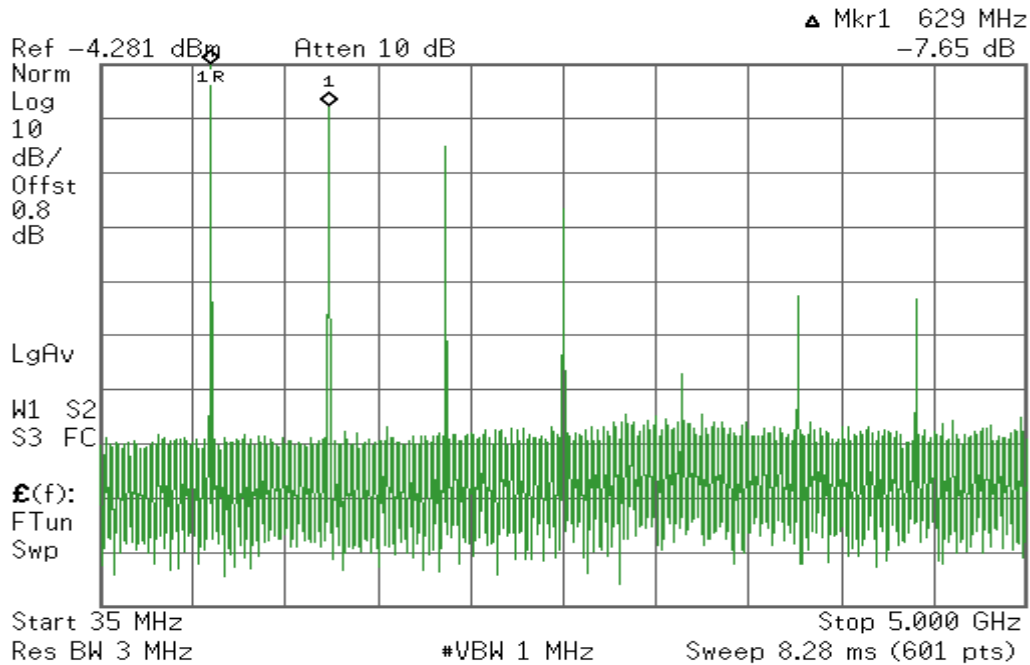
Harmonic Suppression - @569MHz



Sideband Spurious Suppression - @569MHz



Harmonic Suppression - @629MHz



Sideband Spurious Suppression - @629MHz

