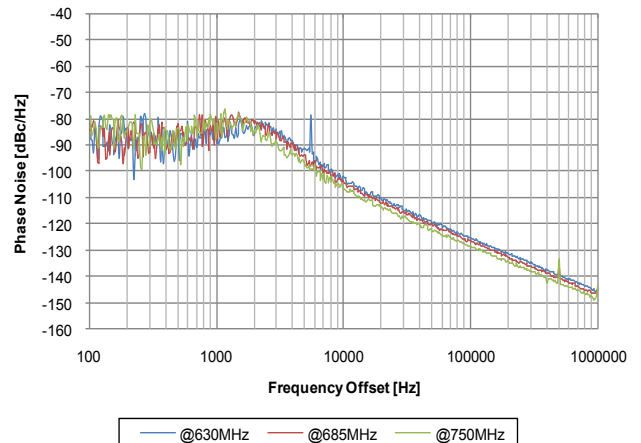


Features

- 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

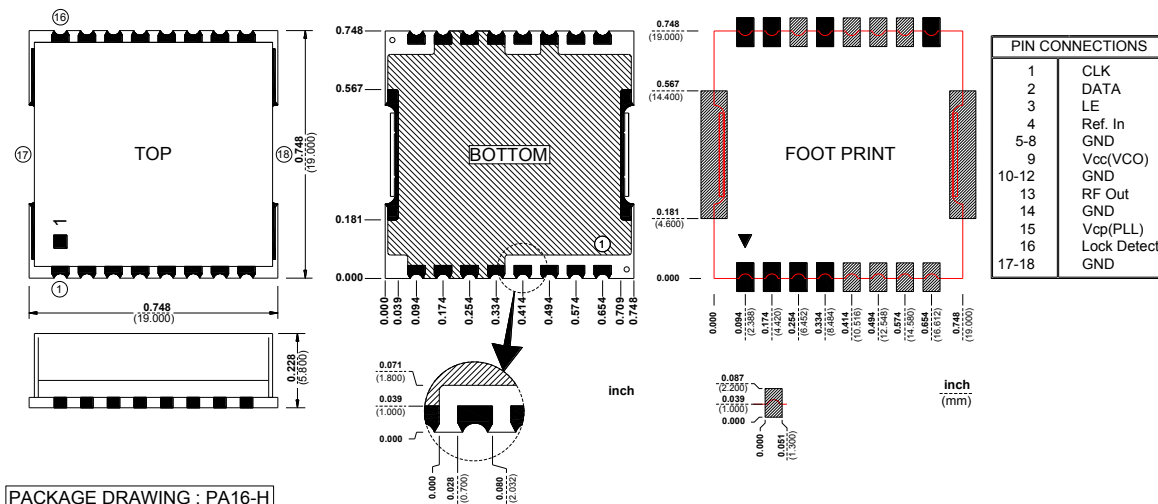


Electrical Characteristics

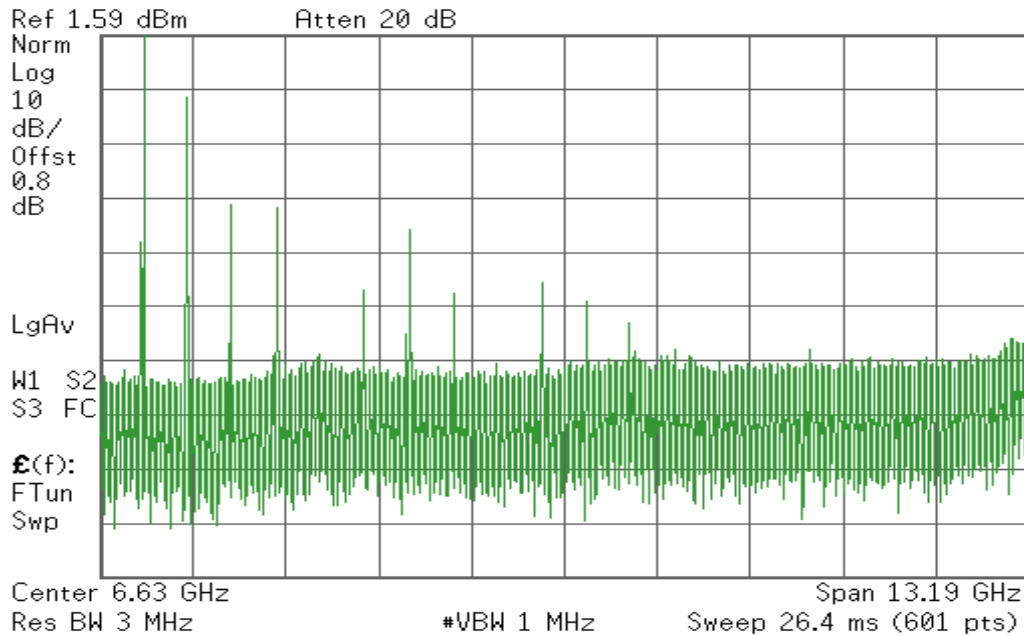


Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	630		740
Step Size	kHz		500	
Settling Time	msec		10	30
Output Power	dBm	0.0	+2.0	+4.0
Output Impedance	Ω		50	
Phase Noise	@1kHz offset	dBc/Hz	-81	-76
	@10kHz offset	dBc/Hz	-104	-99
	@100kHz offset	dBc/Hz	-126	-121
	@1MHz offset	dBc/Hz	-146	-141
2nd Harmonic Suppression	dBc		-11	-5
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	18	25
PLL Power Supply (Vcp)	Voltage	Vdc	5	
	Current	mA	5	10
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

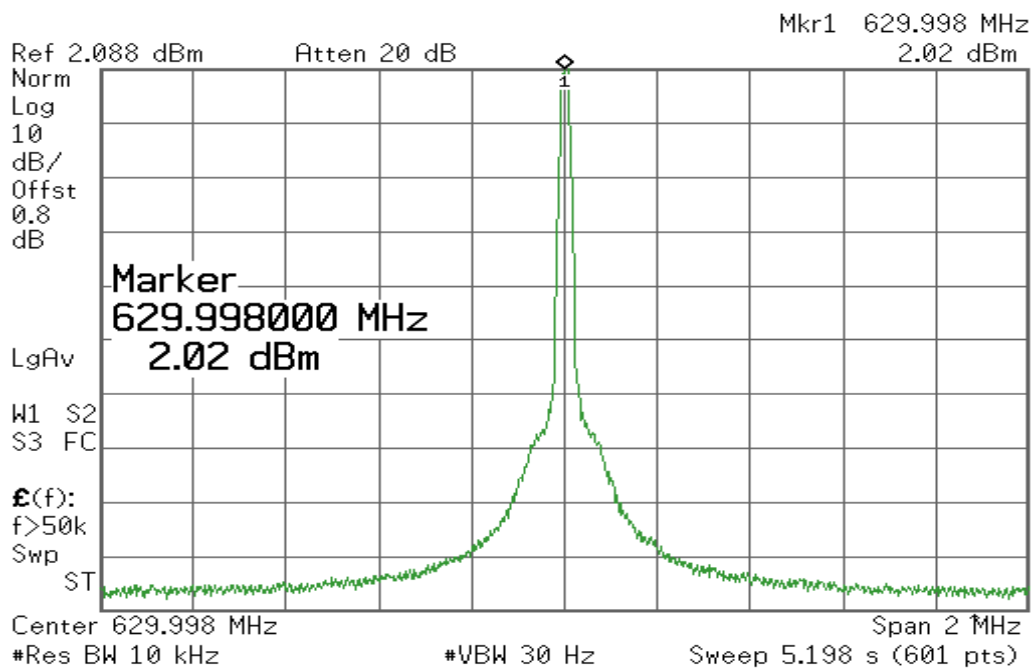
Dimensions



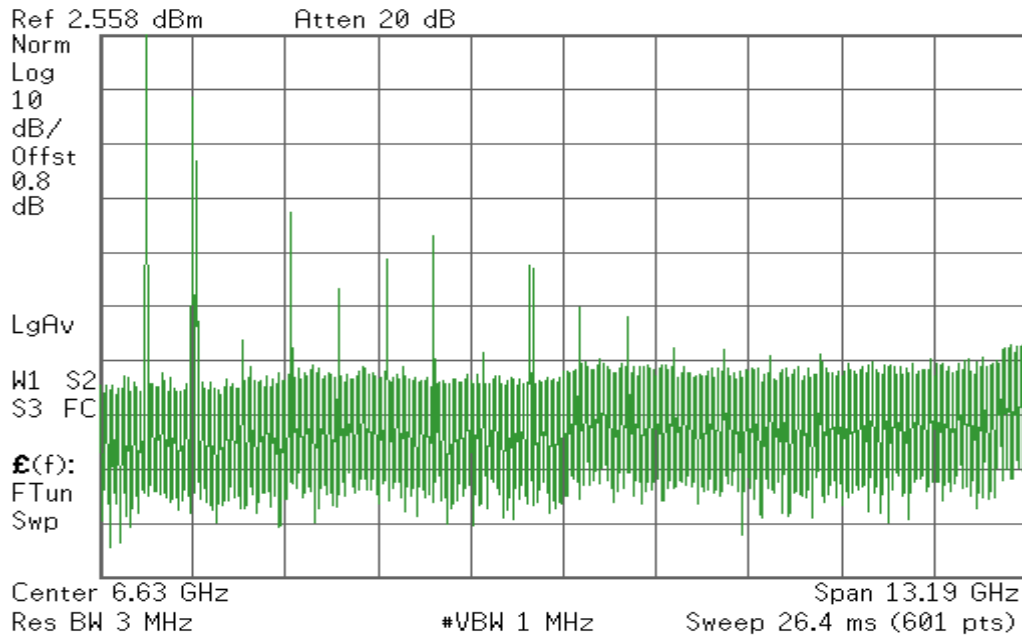
Harmonic Suppression - @630MHz



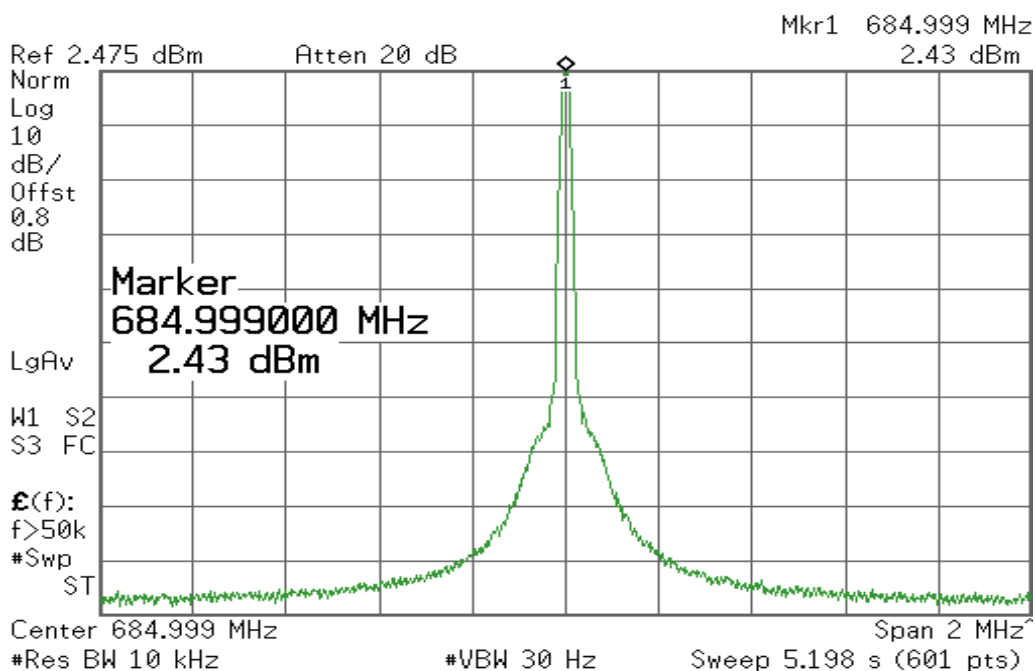
Sideband Spurious Suppression - @630MHz



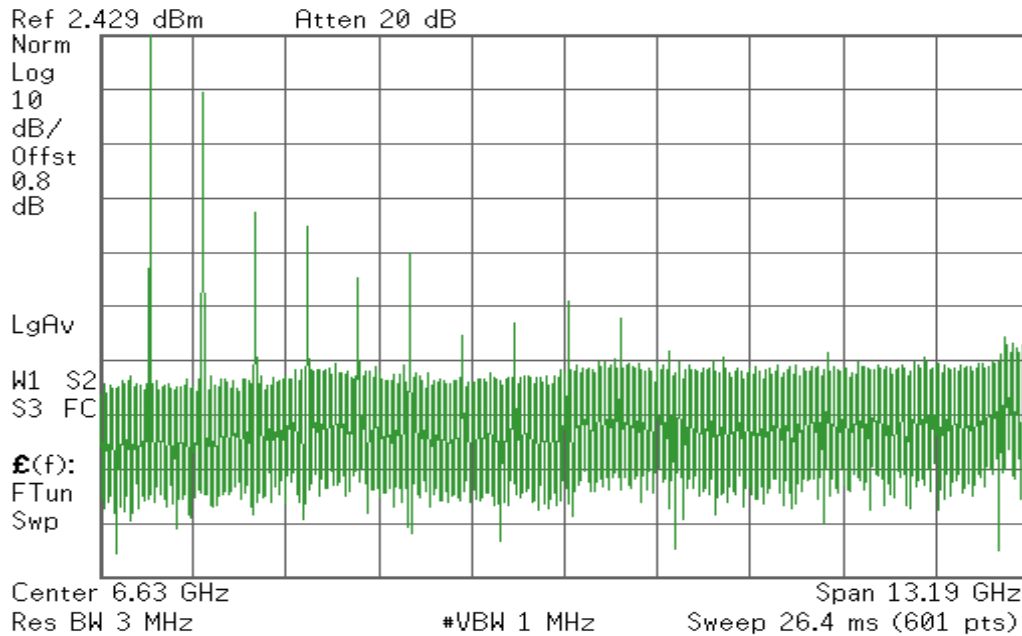
Harmonic Suppression - @685MHz



Sideband Spurious Suppression - @685MHz



Harmonic Suppression - @740MHz



Sideband Spurious Suppression - @740MHz

