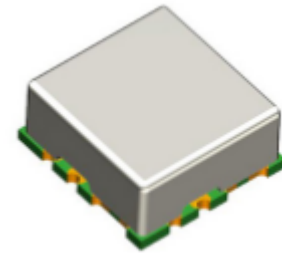




Features and Benefits

Frequency Range:2300-2450MHz
 Supply Voltage:5V
 Current: 30mA Max.
 Output power: +4dBm Typ.
 Tuning Voltage: 0.5-4.5V
 Phase noise: -102dBc/Hz@10KHz
 Operating temperature: -40°C--+85°C
 Size:12.7x12.7x5.9mm
 Package type: SMD

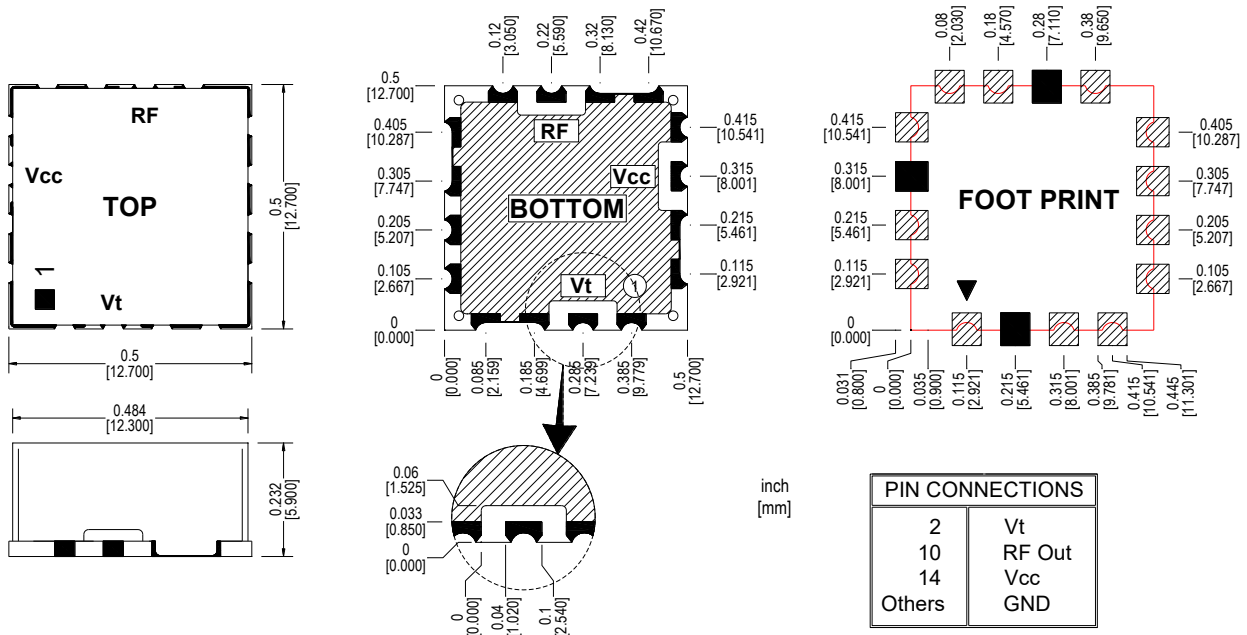


Typical Applications

- SATCOM
- Receiver
- Test Equipment
- Radar
- Point –to-Point
- Radio
- MMDS
- WiMax

Mechanical Drawing & Pin Connections

Drawing No: MD250003-1



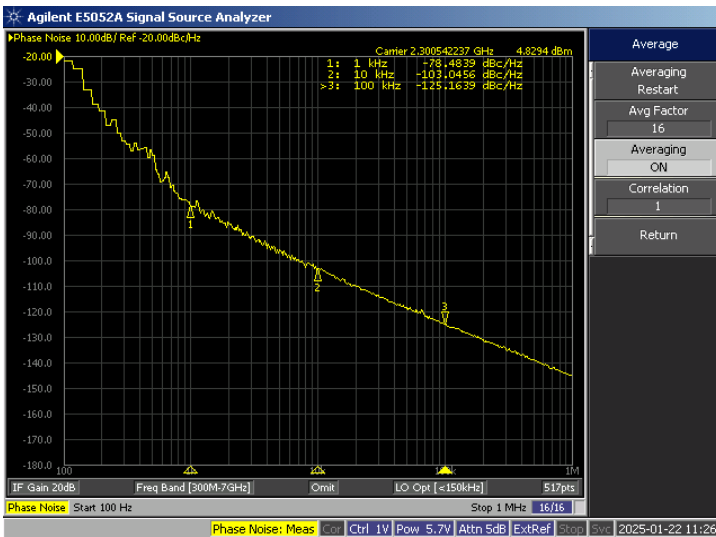


Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	2300		2450
Power Supply (Vcc)	Voltage		+5	
	Current			30
Output Power	dBm	+1	+4	+7
Output Impedance	Ω		50	
Phase Noise @ 10kHz offset	dBc / Hz		-102	
Phase Noise @ 100kHz offset	dBc / Hz		-125	
Tuning Voltage (Vt)	V	0.5		4.5
Tuning Voltage Sensitivity (Kv)	MHz / V		60	
2 nd Harmonic Suppression	dBc			-10
Pushing Figure	MHz / V			2
Pulling Figure	MHz			3
Input Capacitance	pF		10	
Operating Temperature Range	$^{\circ}\text{C}$	-40		+85

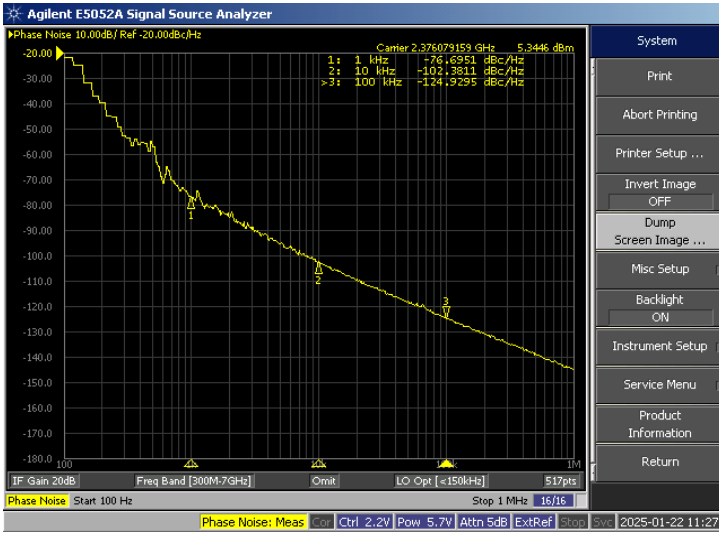
DAUjYBcJgY

- 2300MHz





• 2375MHz



• 2450MHz

