

GSVCO1203
Surface Mount
Voltage Controlled Oscillator

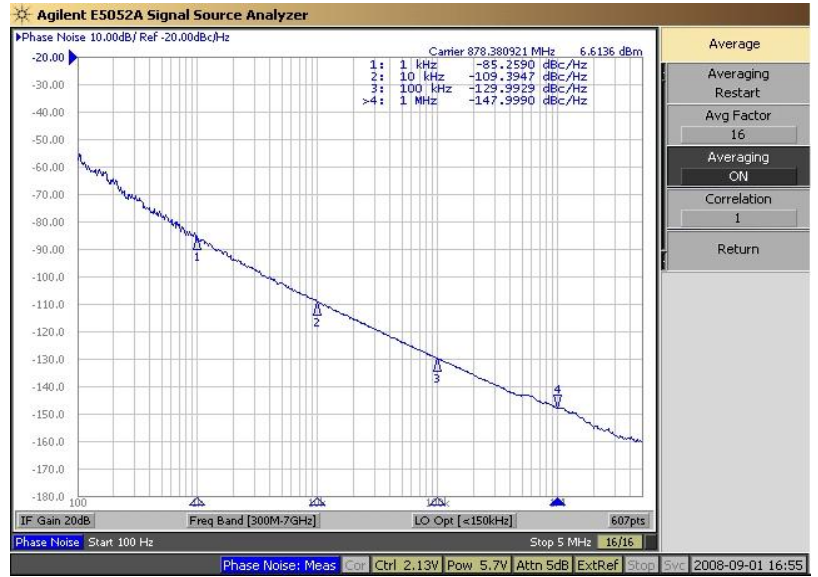
Optimized band 825 to 930 MHz

Features

- Low phase noise
- Linear tuning characteristics
- Low pushing / Low pulling
- Aqueous washable

Applications

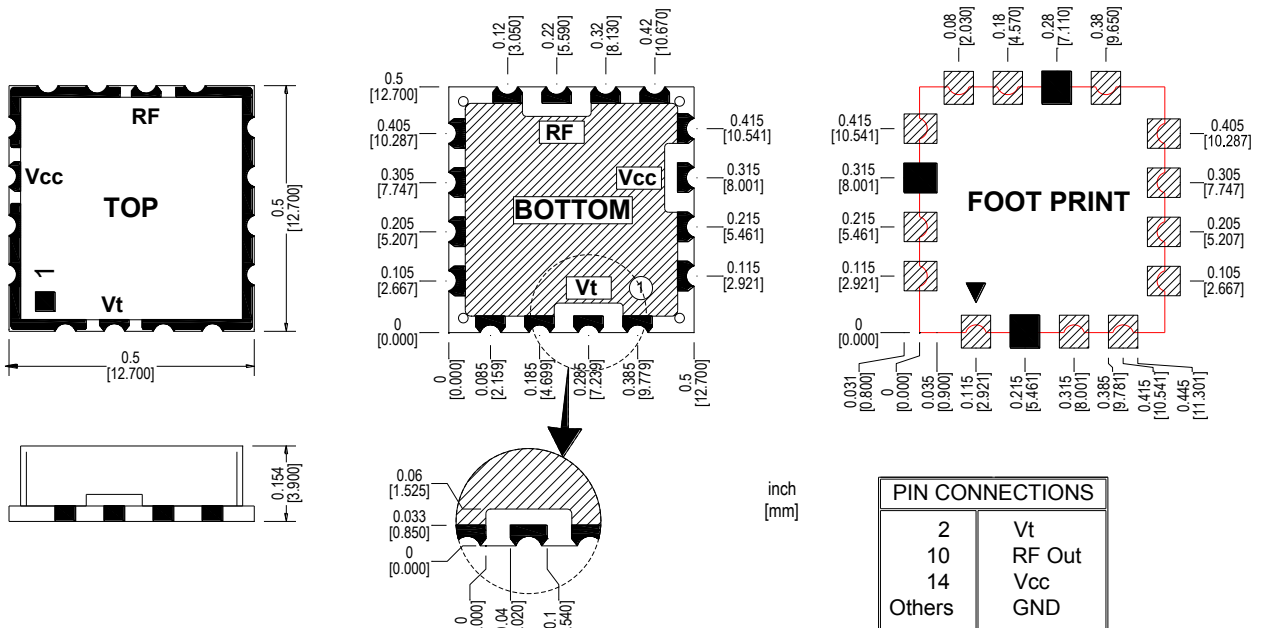
- SATCOM
- Receiver
- Test Equipment
- Radar
- Point-to-Point
- Radio
- MMDS
- WiMax



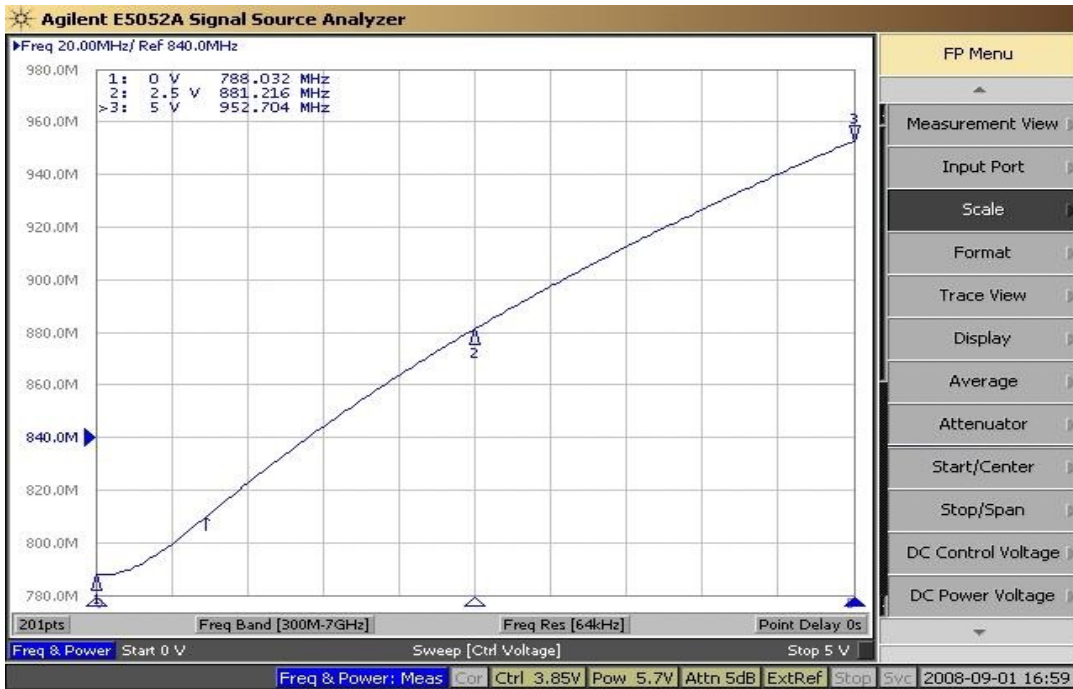
Electrical Characteristics

Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	825		930
Output Power	dBm	+3.0	+5.0	+7.0
Output Impedance	Ω		50	
Phase Noise	@10kHz offset		-105	-100
	@100kHz offset		-125	-120
Tuning Voltage (Vt)	Vdc	0		5.5
Tuning Voltage Sensitivity (Kv)	MHz/V		30	
2nd Harmonic Suppression	dBc		-12	
Power Supply (Vcc)	Voltage		5	
	Current		25	
Pushing Figure	MHz/V		2.5	
Pulling Figure	MHz		8	
Input Capacitance	pF		100	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions



Tuning Curve



Output Power

