

14118 Stowe Drive, Suite B
 Poway, CA 92064
 TEL: (858) 621-2700 | FAX: (858) 486-1927
 URL: www.zcomm.com
 EMAIL: applications@zcomm.com

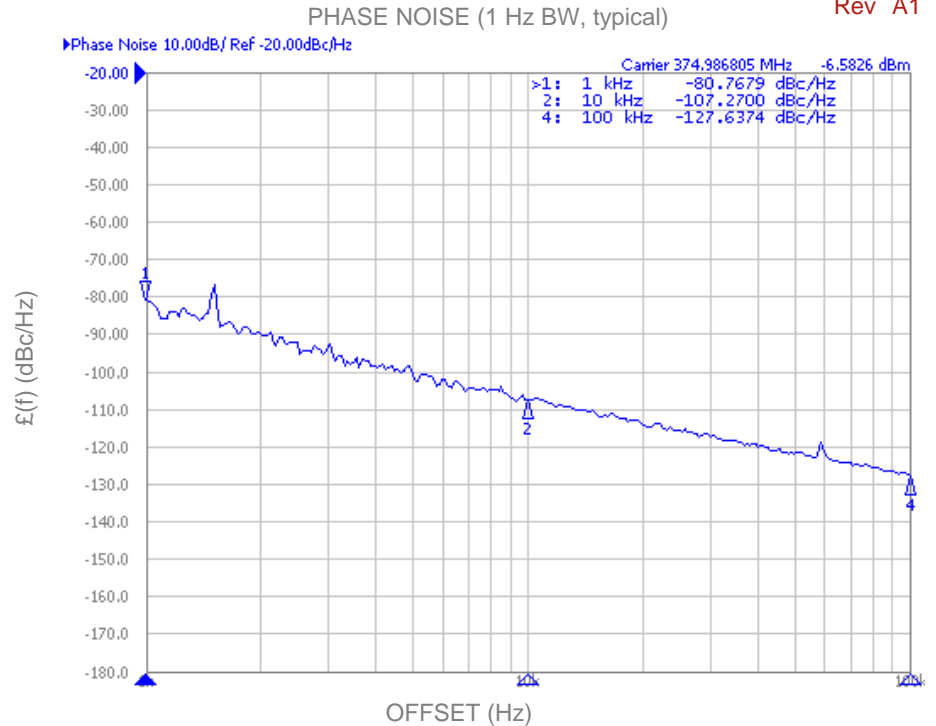
Voltage-Controlled Oscillator Surface Mount Module

Applications

- Portable Radios
- RF Modems
- Satellite Communication Equipment

Application Notes

- AN-101: Mounting and Grounding
- AN-102: Output Loading
- AN-107: Manual Soldering



Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	368		382	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-107		dBc/Hz
Harmonic Suppression (2nd)		-15	-12	dBc
Tuning Voltage	0		3	Vdc
Tuning Sensitivity (avg.)		15		MHz/V
Power Output	-3	0	3	dBm
Load Impedance		50		Ω
Input Capacitance			400	pF
Pushing			3	MHz/V
Pulling (20. dB Return Loss, Any Phase)			1	MHz
Operating Temperature Range	-40		85	$^{\circ}\text{C}$
Package Style		SUB-L		

Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		3		Vdc
Supply Current (Icc)		15	19	mA

Additional Notes

