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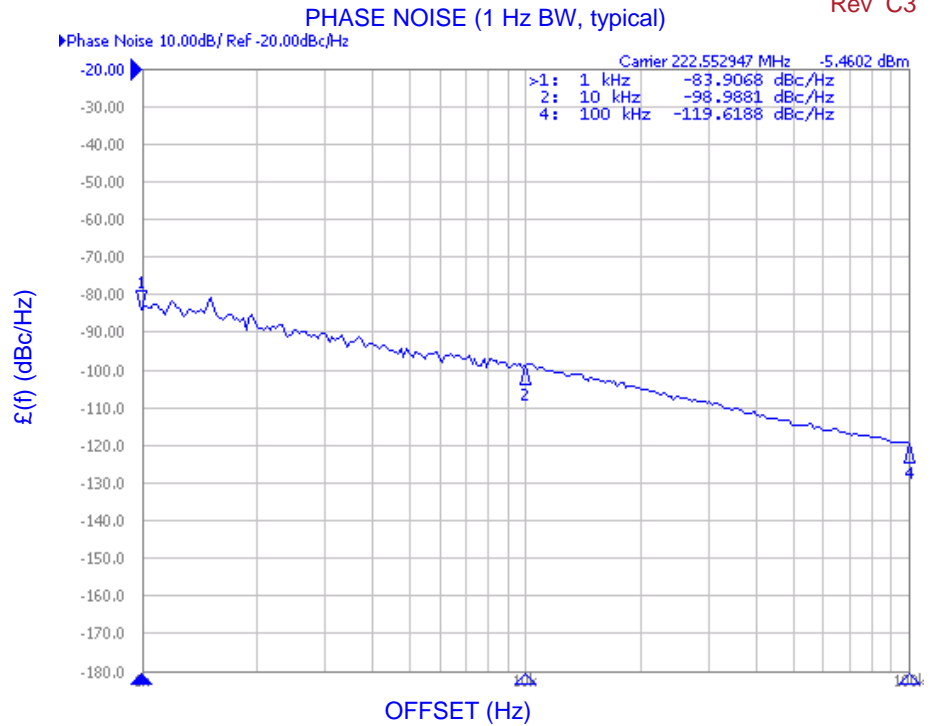
**Voltage-Controlled Oscillator
 Surface Mount Module**

Applications

- Portable Radios
- RF Modems
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Application Notes

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



Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	210		235	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-98		dBc/Hz
Harmonic Suppression (2nd)		-13	-11	dBc
Tuning Voltage	0		3	Vdc
Tuning Sensitivity (avg.)		14		MHz/V
Power Output	-3	-5	2	dBm
Load Impedance		50		Ω
Input Capacitance			500	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.)		3.3		Vdc
Supply Current (Icc)		16	19	mA

Additional Notes

LFSuffix = RoHS Compliant. All specifications are subject to change without notice.

