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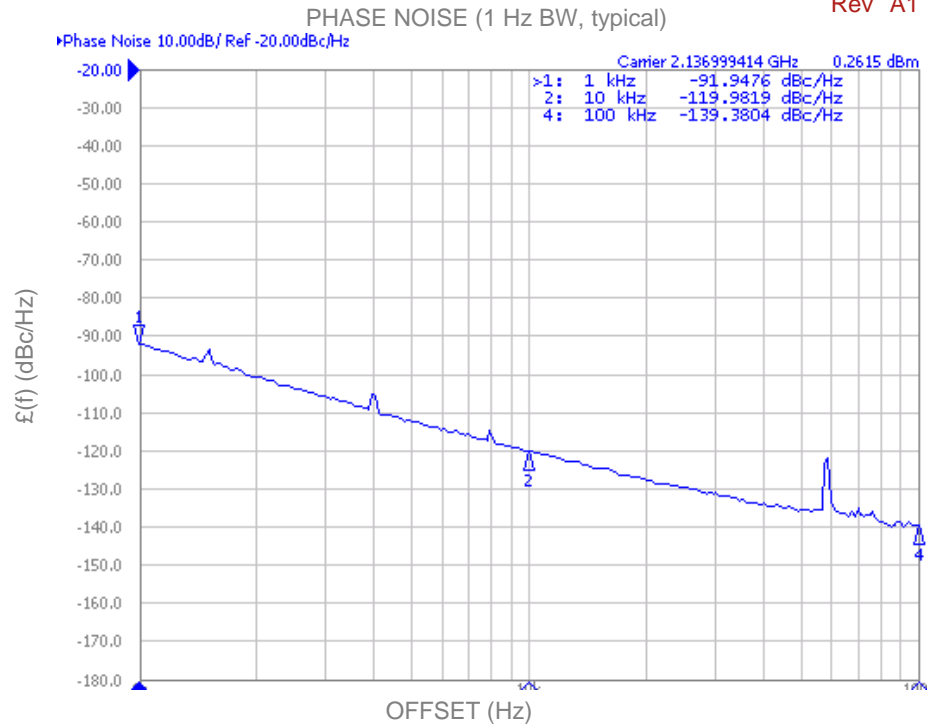
## Voltage-Controlled Oscillator Surface Mount Module

### Applications

- Satellite Communication Systems
- Fixed Wireless
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### Application Notes

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

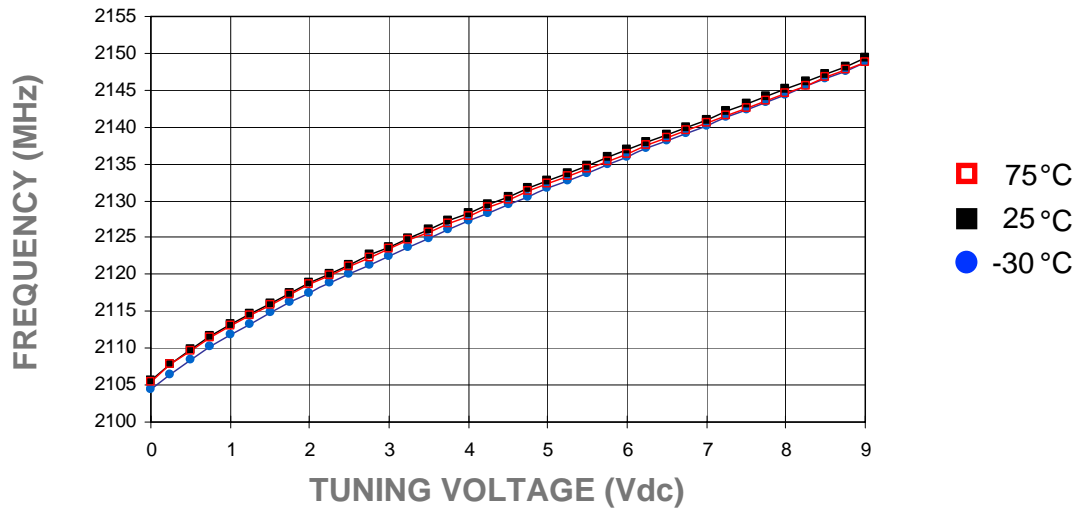


Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	2137		2137	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-118		dBc/Hz
Harmonic Suppression (2nd)		-12	-8	dBc
Tuning Voltage	2		9	Vdc
Tuning Sensitivity (avg.)		5		MHz/V
Power Output	3	5	7	dBm
Load Impedance		50		$\Omega$
Input Capacitance			50	pF
Pushing			.5	MHz/V
Pulling (12 dB Return Loss, Any Phase)			1	MHz
Operating Temperature Range	-30		75	$^{\circ}\text{C}$
Package Style	MINI-16-SM			

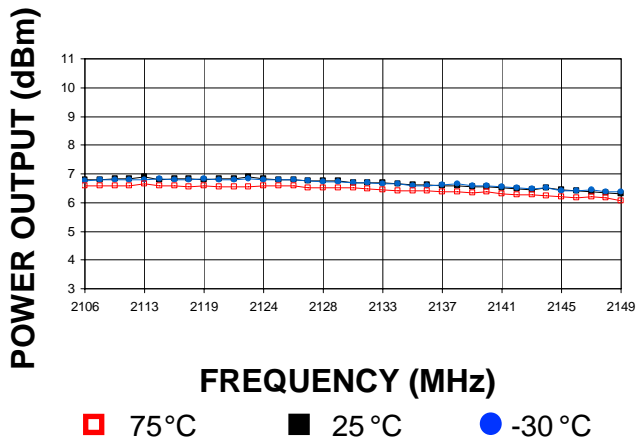
Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		8		Vdc
Supply Current (Icc)		31	37	mA

### Additional Notes

Tuning Curve, typ.



Power Curve, typ.



Footprint



Physical Dimensions



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