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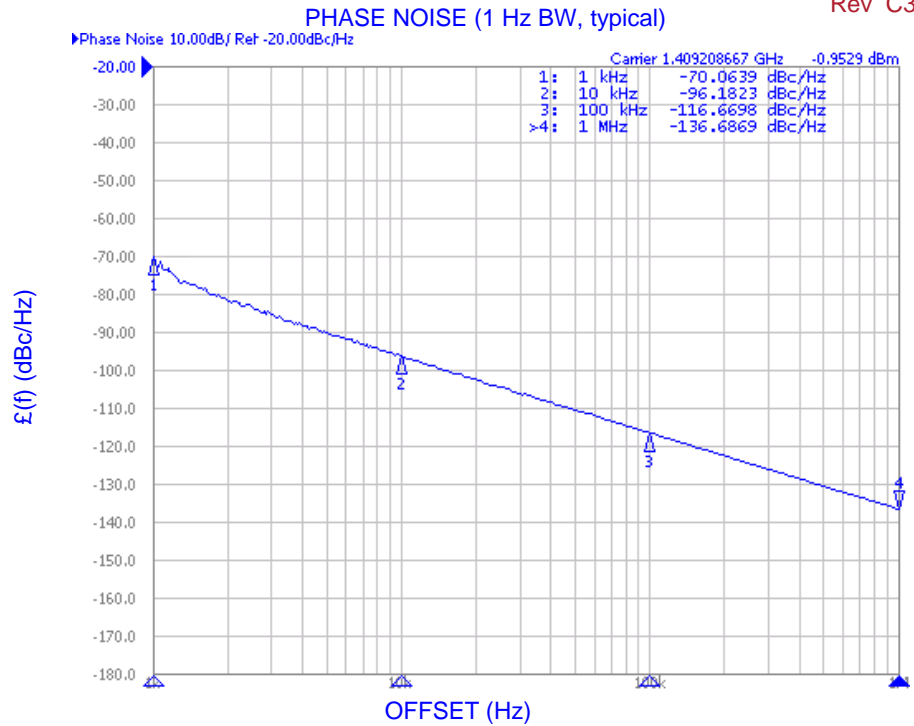
Voltage-Controlled Oscillator Surface Mount Module

Applications

- PCS Handhelds
- Portable Receivers
- Mobile Radios

Application Notes

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



Performance Specifications

	Min	Typ	Max	Units
Oscillation Frequency Range	1390		1429	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-96		dBc/Hz
Harmonic Suppression (2nd)		-7	-5	dBc
Tuning Voltage	0.4		2.1	Vdc
Tuning Sensitivity (avg.)		60		MHz/V
Power Output	3	5	7	dBm
Load Impedance		50		Ω
Input Capacitance			50	pF
Pushing			6	MHz/V
Pulling (14 dB Return Loss, Any Phase)			8	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)		11	15	mA

Additional Notes

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

