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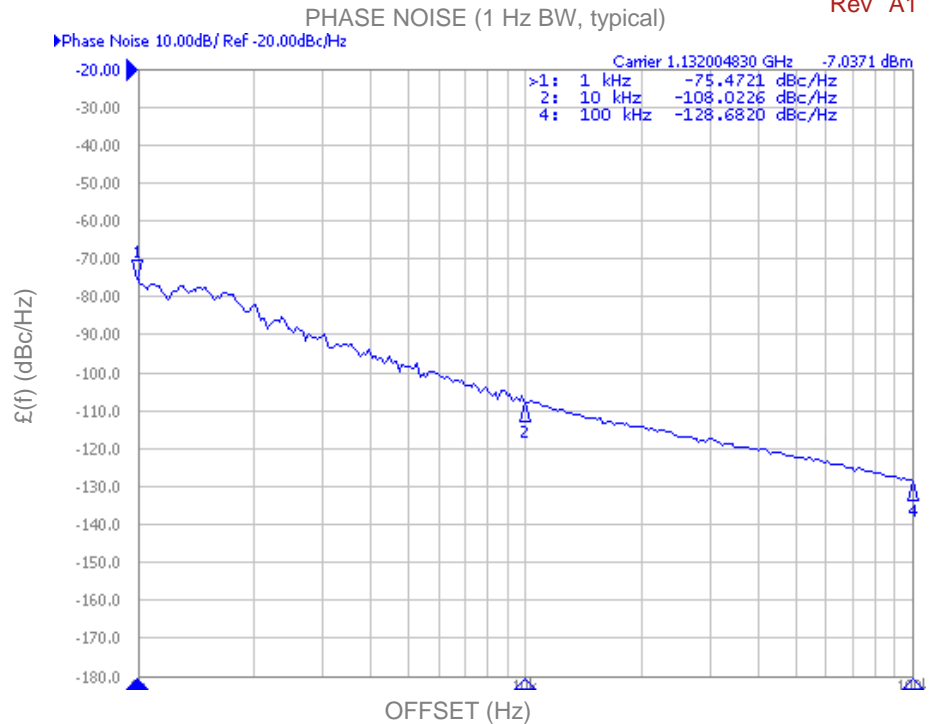
Voltage-Controlled Oscillator Surface Mount Module

Applications

- Fixed Wireless
- Test Equipment
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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	1112		1152	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-103		dBc/Hz
Harmonic Suppression (2nd)		-20	-15	dBc
Tuning Voltage	0.5		2.7	Vdc
Tuning Sensitivity (avg.)		62		MHz/V
Power Output	-3.5	.75	5	dBm
Load Impedance		50		Ω
Input Capacitance			50	pF
Pushing			4	MHz/V
Pulling (14 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.)		3.1		Vdc
Supply Current (Icc)		12	15	mA

Additional Notes

