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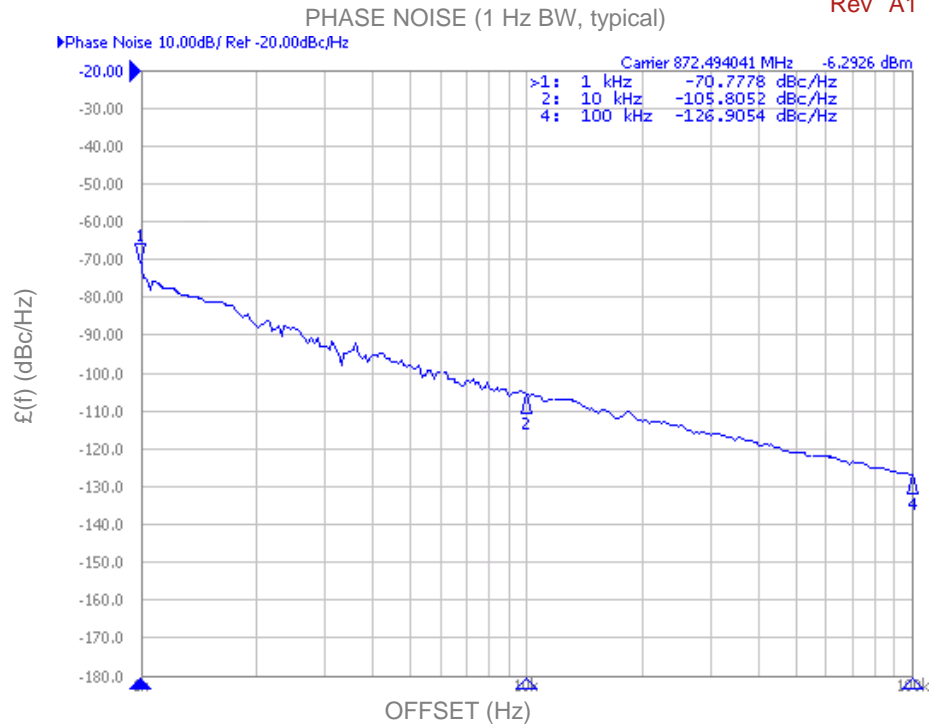
Voltage-Controlled Oscillator Surface Mount Module

Applications

- Basestations
- Mobile Communications
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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	855		890	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-106		dBc/Hz
Harmonic Suppression (2nd)		-15		dBc
Tuning Voltage	2		4.4	Vdc
Tuning Sensitivity (avg.)		49		MHz/V
Power Output	-2	0	2	dBm
Load Impedance		50		Ω
Input Capacitance			50	pF
Pushing			3	MHz/V
Pulling (14 dB Return Loss, Any Phase)			1	MHz
Operating Temperature Range	-40		85	$^{\circ}\text{C}$
Package Style		MINI-14S-L		

Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		5		Vdc
Supply Current (Icc)		19	22	mA

Additional Notes

