

Electrical Performance

(Applies over the output frequency range @ +25 °C, output load impedance of 50 ohms. Unless otherwise stated limits & conditions are indicated values.)

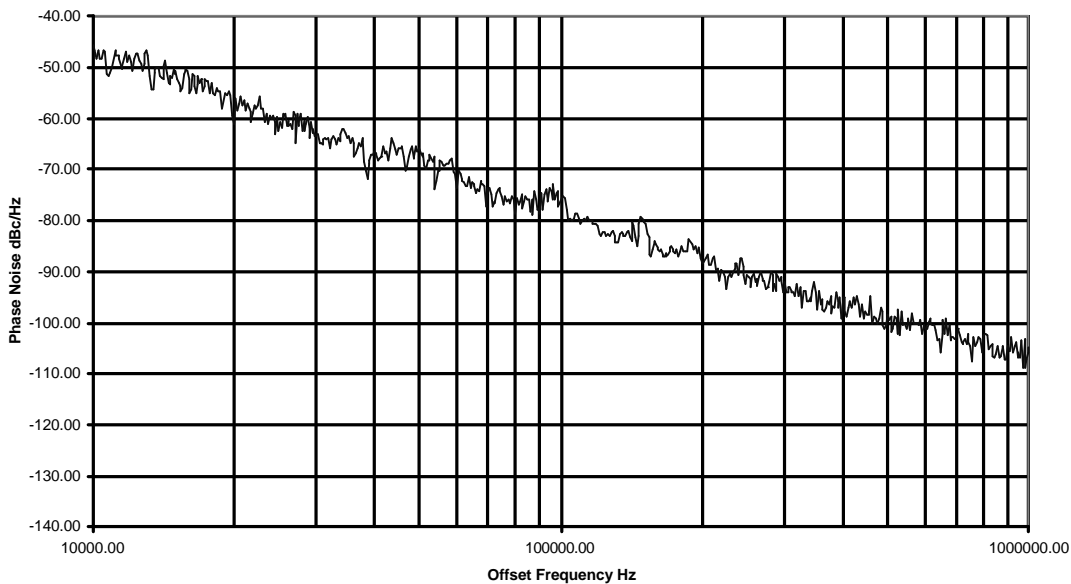
LCC1 Package

VCO Part No.	Frequency	Tuning Voltage	Phase Noise	Power	Harmonics	Temp Range	Power Supply
	GHz		+25 °C (dBc/Hz)	dBm (min)	dBc (max)	(Operating)	V & mA
MAVCML0034	4.20-4.40	0V - 10V	-100 @ 100 KHz	+7.5+/-2.5	-12	-40 to +85 °C	+9V 50mA

Hermetic Metal Walled Package

VCO Part No.	Frequency	Tuning Voltage	Phase Noise	Power	Harmonics	Temp Range	Power Supply
	GHz		+25 °C (dBc/Hz)	dBm (min)	dBc (max)	(Operating)	V & mA
MAVCML0043	10.00-11.00	2V - 12V	-65 @ 100 KHz	+16+/-2	-30	-45 to +85 °C	+8V 110mA
MAVCML0044	13.00-17.00	2V - 12V	-63 @ 100 KHz	+13.5+/-1.5	-30	-45 to +85 °C	+8V 125mA

MAVCML0043 Phase Noise, Carrier = 10.5 GHz



MAVCML0043 Phase Noise Custom LeadLess VCO