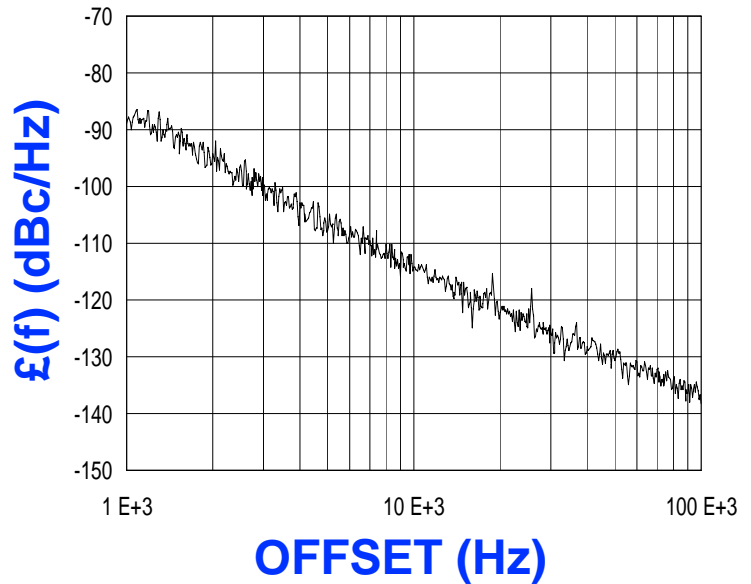




PHASE NOISE (1 Hz BW, typical)



FEATURES
<ul style="list-style-type: none"> • Frequency Range: 380 - 400 MHz • Tuning Voltage: 0.7-4.2 Vdc • MINI-16M-L - Style Package
APPLICATIONS
<ul style="list-style-type: none"> • • •

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	380 - 400	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-116	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0.7-4.2	Vdc
Tuning Sensitivity (avg.)	11	MHz/V
Power Output	1.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	150	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<0.5	MHz
Operating Temperature Range	-30 to 85	$^{\circ}\text{C}$
Package Style	MINI-16M-L	

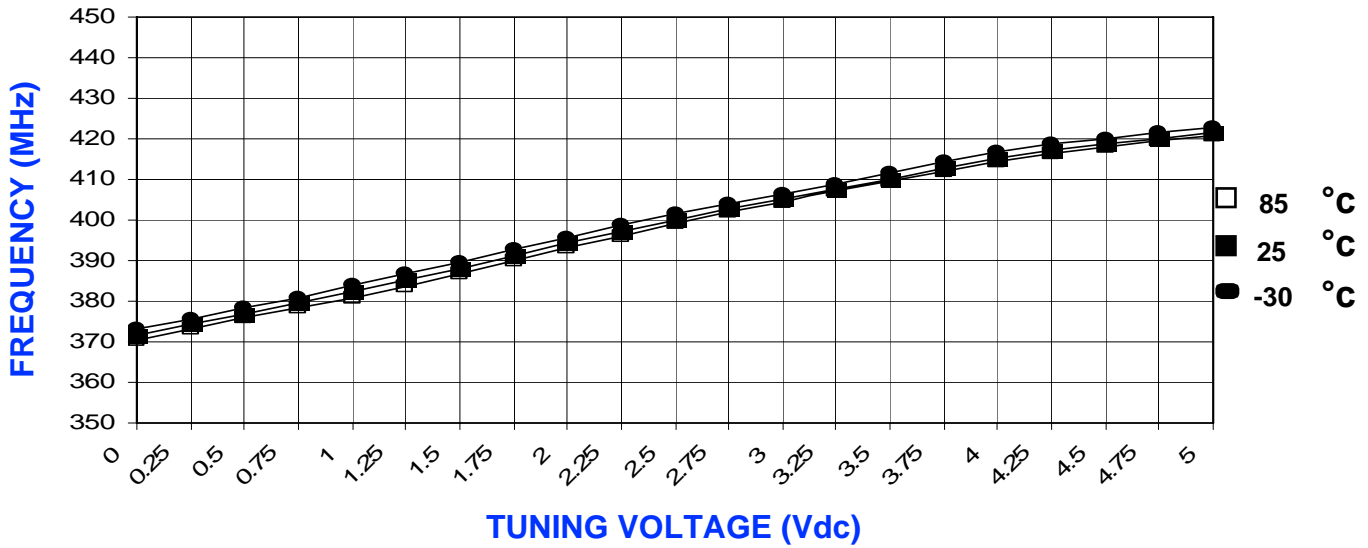
POWER SUPPLY REQUIREMENTS	VALUE	UNITS
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	14	mA

All specifications are typical unless otherwise noted and subject to change without notice.

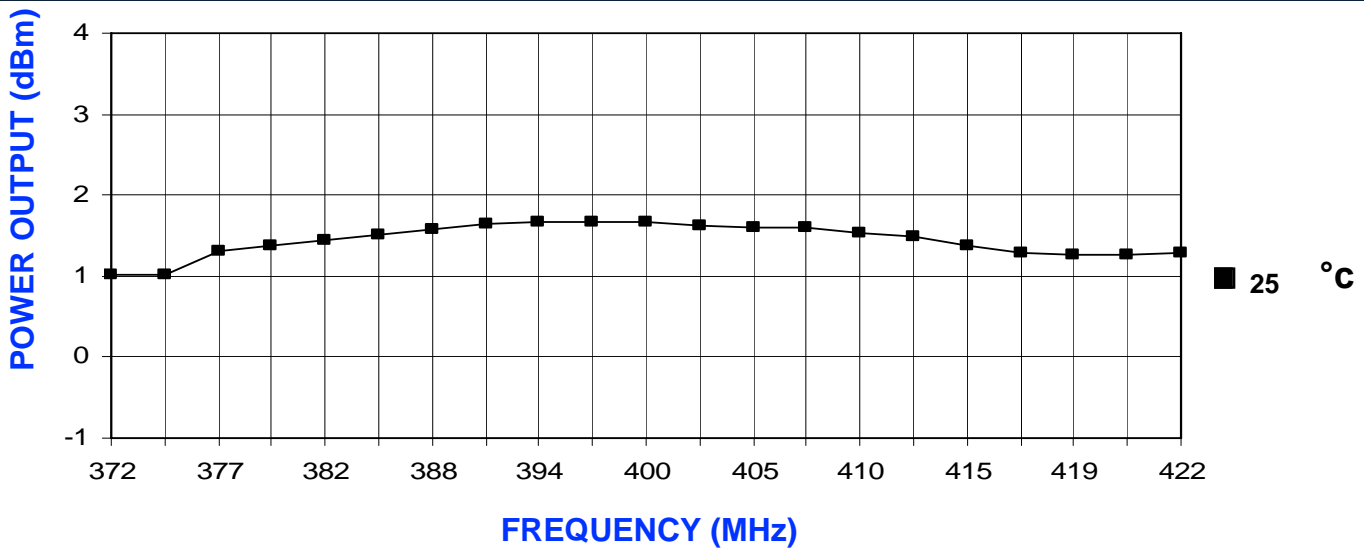
APPLICATION NOTES
<ul style="list-style-type: none"> • AN-100/1 : Mounting and Grounding of VCOs • AN-102 : Proper Output Loading of VCOs • AN-107 : How to Solder Z-COMM VCOs

NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

