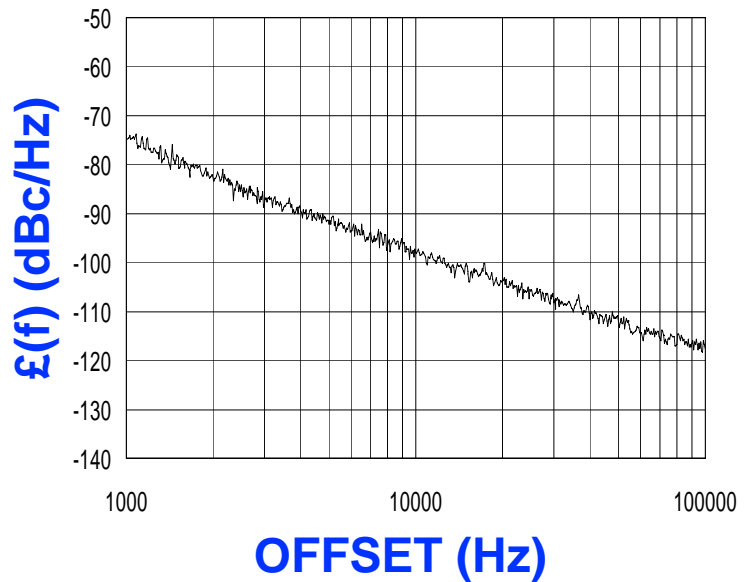


PHASE NOISE (1 Hz BW, typical)



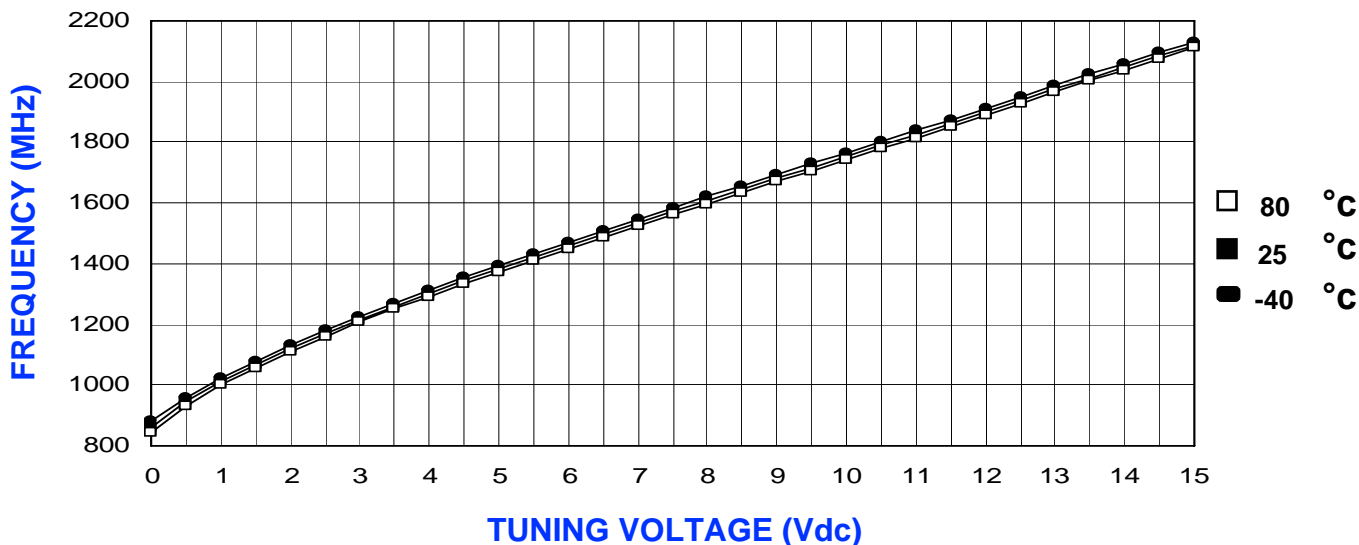
FEATURES
• Frequency Range: 950 - 2050 MHz
• Tuning Voltage: 0-15 Vdc
• MINI-16-L - Style Package
APPLICATIONS
• CATV Headend
• Test Equipment
• Downconvertors

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	950 - 2050	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-99	dBc/Hz
Harmonic Suppression (2nd, typ.)	-30	dBc
Tuning Voltage	0-15	Vdc
Tuning Sensitivity (avg.)	81	MHz/V
Power Output	2±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<5	MHz
Operating Temperature Range	-40 to 80	$^{\circ}$ C
Package Style	MINI-16-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	19	mA

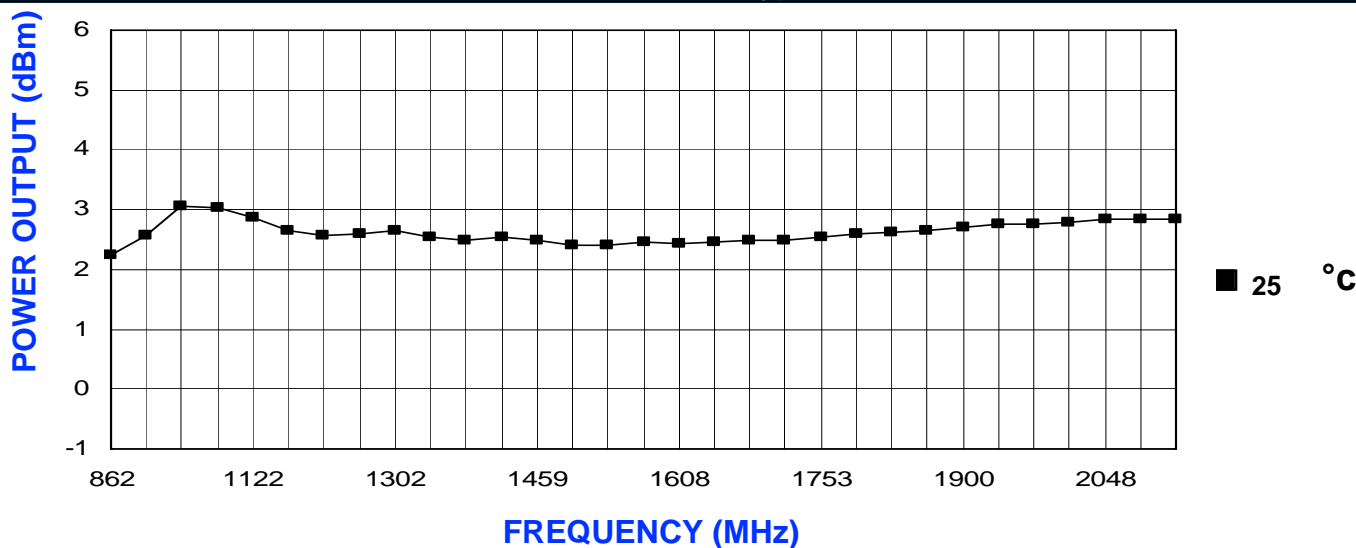
All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES
• 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

