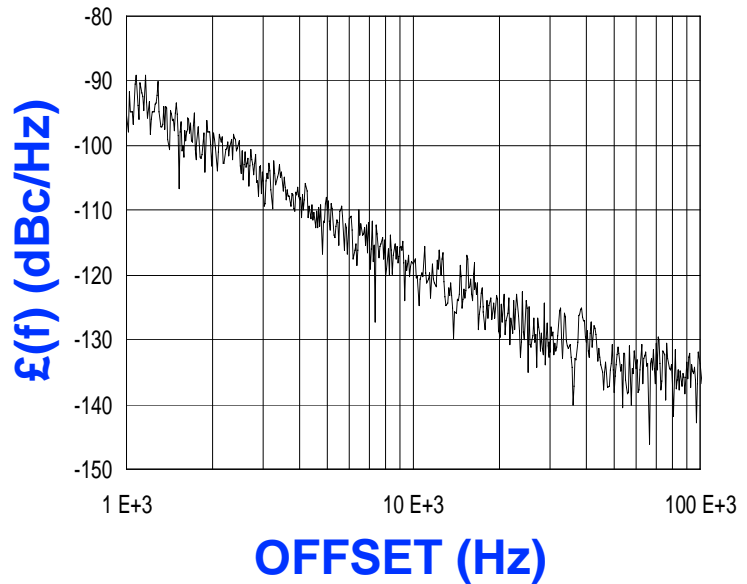




PHASE NOISE (1 Hz BW, typical)



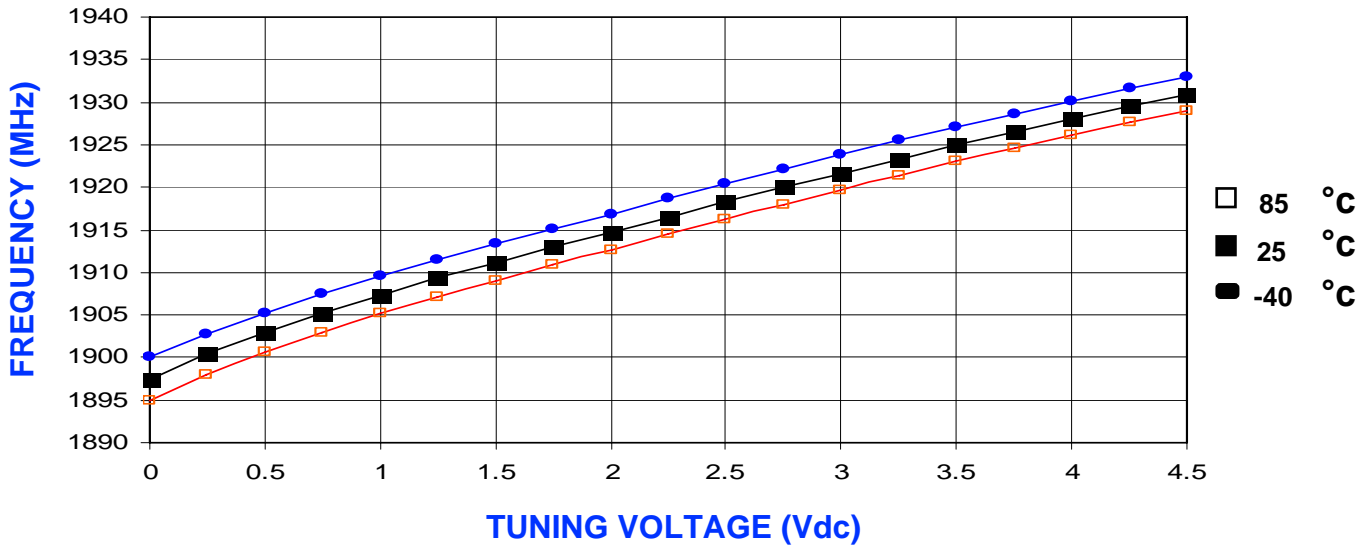
FEATURES
• Frequency Range: 1920 - 1920 MHz
• Tuning Voltage: 0.5-4.5 Vdc
• MINI-16 - Style Package
APPLICATIONS
• Digital Radio Equipment
• Fixed Wireless Access
• Satellite Communication Systems

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1920 - 1920	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-117	dBc/Hz
Harmonic Suppression (2nd, typ.)	-25	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	5	MHz/V
Power Output	2.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<1	MHz/V
Pulling (14dB Return Loss, Any Phase)	<3	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-16	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	25	mA

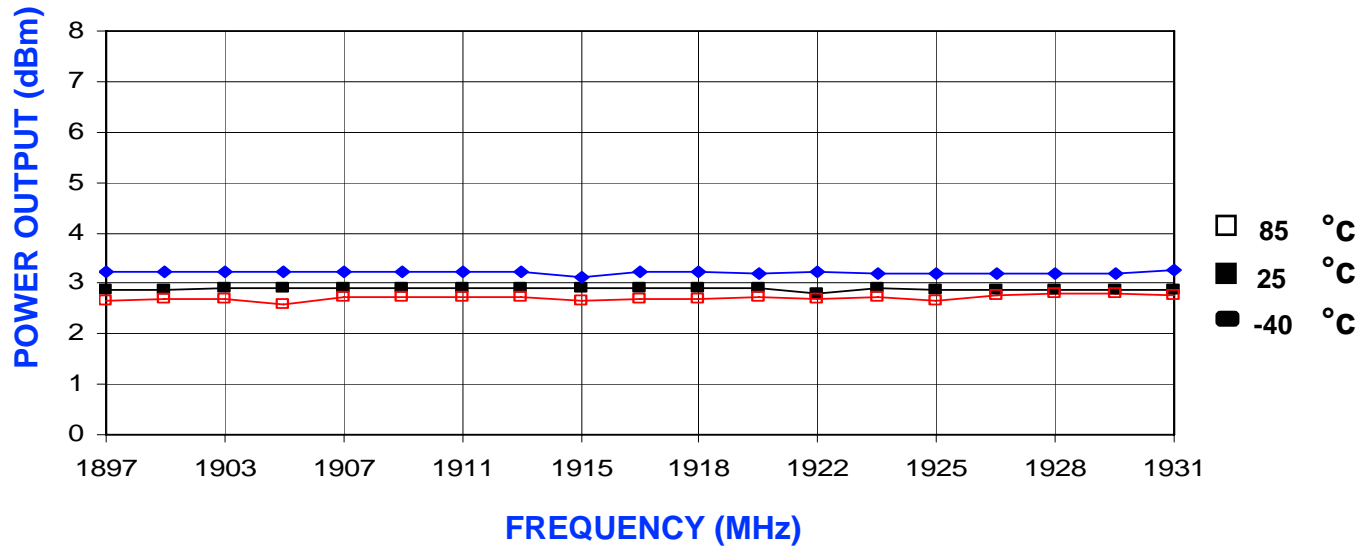
All specifications are typical unless otherwise noted and subject to change without notice.

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

