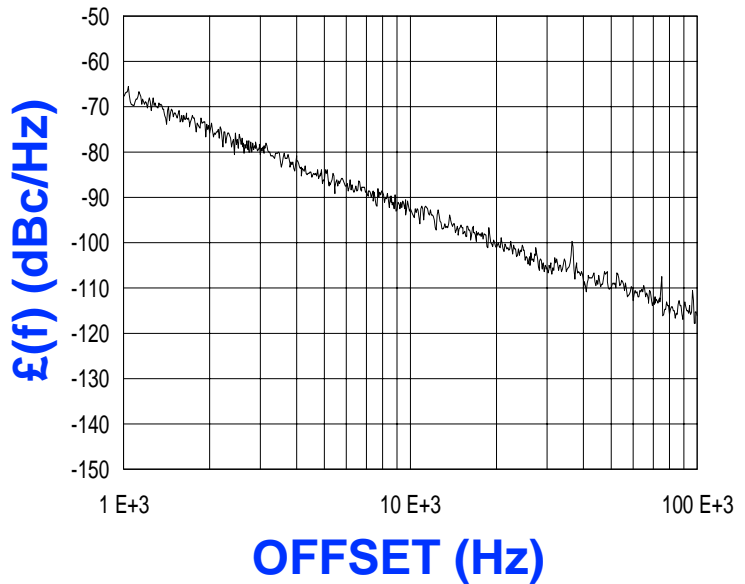


**PHASE NOISE (1 Hz BW, typical)**



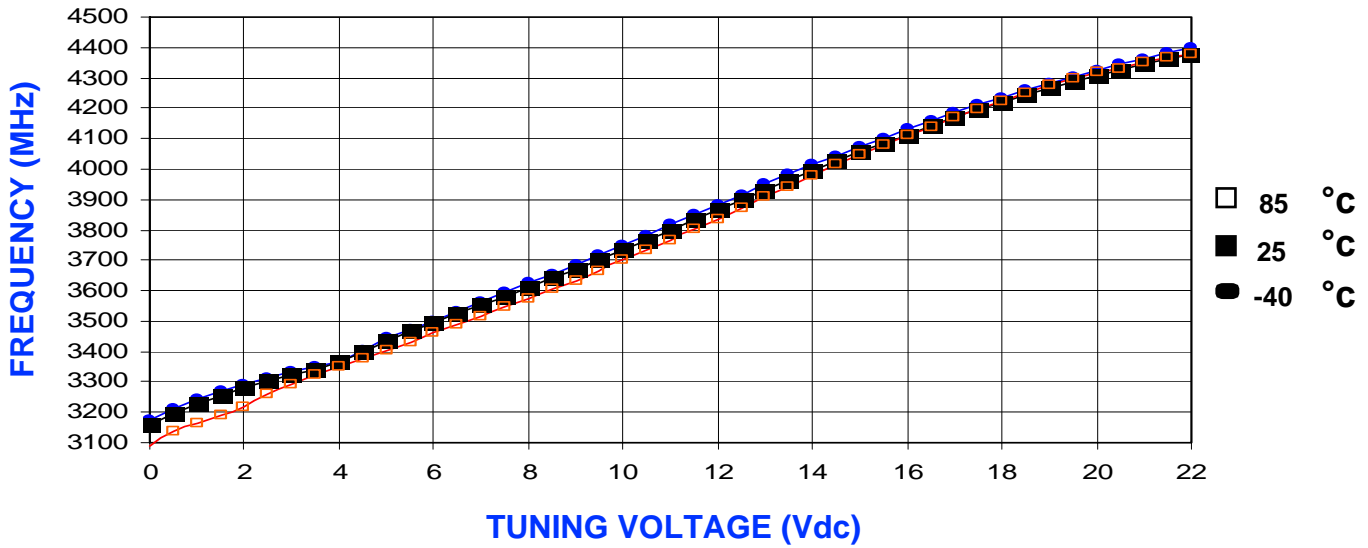
FEATURES
<ul style="list-style-type: none"> <li>• Frequency Range: 3284 - 4324 MHz</li> <li>• Tuning Voltage: 1-22 Vdc</li> <li>• MINI-16-L - Style Package</li> </ul>
APPLICATIONS
<ul style="list-style-type: none"> <li>• Microwave Radios</li> <li>• Direct Broadcast</li> <li>•</li> </ul>

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	3284 - 4324	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-90	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	1-22	Vdc
Tuning Sensitivity (avg.)	57	MHz/V
Power Output	4±4	dBm
Load Impedance	50	$\Omega$
Input Capacitance (max.)	50	pF
Pushing	<3	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<11	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-16-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	12	Vdc
Supply Current (Icc, typ.)	23	mA

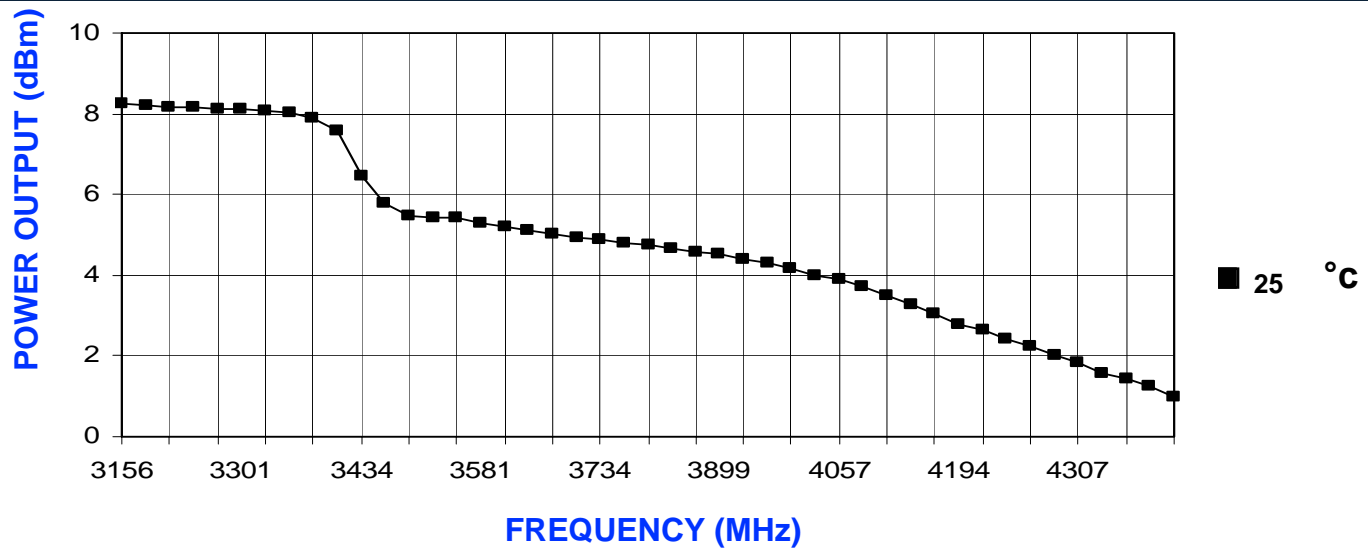
All specifications are typical unless otherwise noted and subject to change without notice.

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

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

