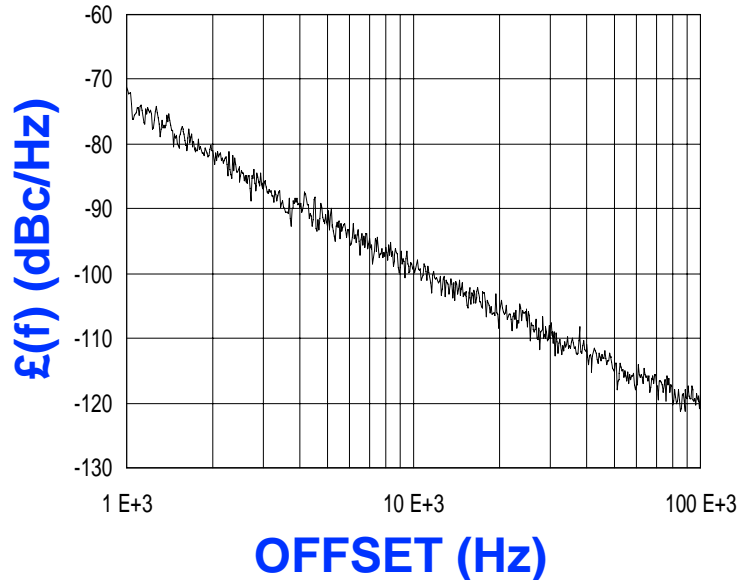


**PHASE NOISE (1 Hz BW, typical)**



FEATURES
<ul style="list-style-type: none"> <li>• Frequency Range: 1990 - 2380 MHz</li> <li>• Tuning Voltage: 0.5-15 Vdc</li> <li>• MINI-14H- - Style Package</li> </ul>
APPLICATIONS
<ul style="list-style-type: none"> <li>• Digital Radios</li> <li>• Earthstations</li> <li>• Satellite Modems</li> </ul>

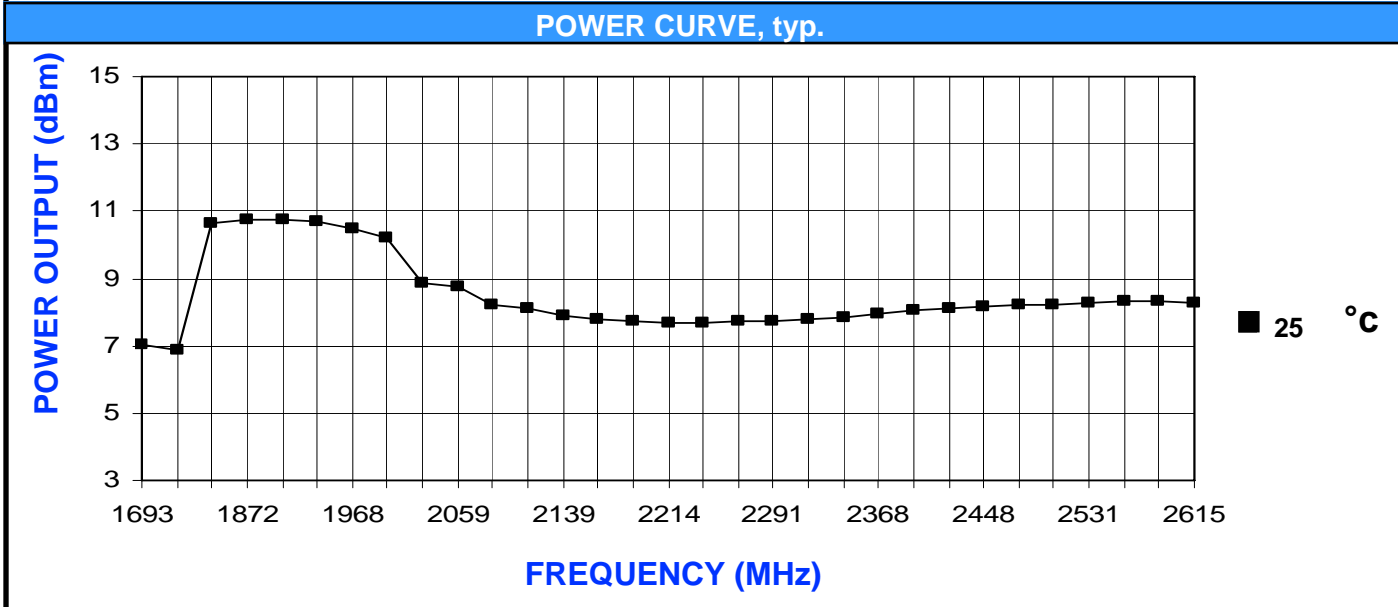
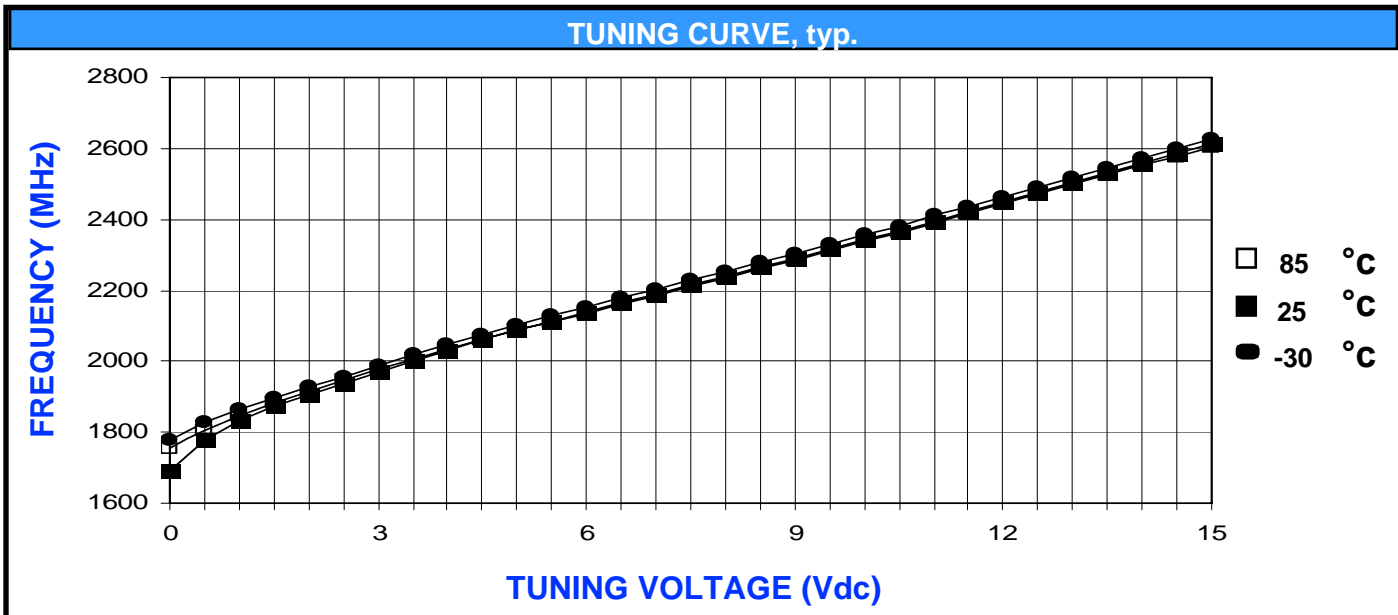
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1990 - 2380	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-99	dBc/Hz
Harmonic Suppression (2nd, typ.)	-6	dBc
Tuning Voltage	0.5-15	Vdc
Tuning Sensitivity (avg.)	51	MHz/V
Power Output	10±3	dBm
Load Impedance	50	$\Omega$
Input Capacitance (max.)	25	pF
Pushing	<2	MHz/V
Pulling ( 14dB Return Loss, Any Phase)	<14	MHz
Operating Temperature Range	-30 to 85	°C
Package Style	MINI-14H-LOW	

POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	9	Vdc
Supply Current (Icc, typ.)	17	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>

**NOTES:**



**PHYSICAL DIMENSIONS**

