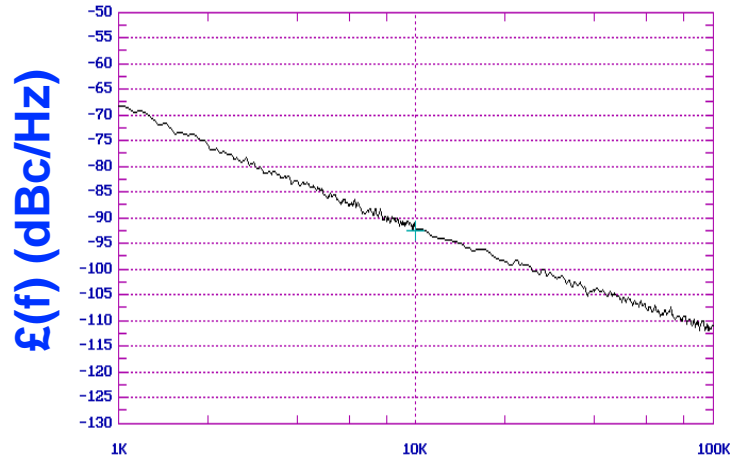


**PHASE NOISE (1 Hz BW, typical)**



FEATURES
<ul style="list-style-type: none"> <li>• Frequency Range: 2200 - 2400 MHz</li> <li>• Tuning Voltage: 0.5-8 Vdc</li> <li>• MINI-14H - Style Package</li> </ul>
APPLICATIONS
<ul style="list-style-type: none"> <li>• PCN Basestations</li> <li>• Earthstations</li> <li>• Satellite Modems</li> </ul>

**OFFSET (Hz)**

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2200 - 2400	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-95	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0.5-8	Vdc
Tuning Sensitivity (avg.)	56	MHz/V
Power Output	5±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<4	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<9	MHz
Operating Temperature Range	-30 to 80	°C
Package Style	MINI-14H	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	17	mA

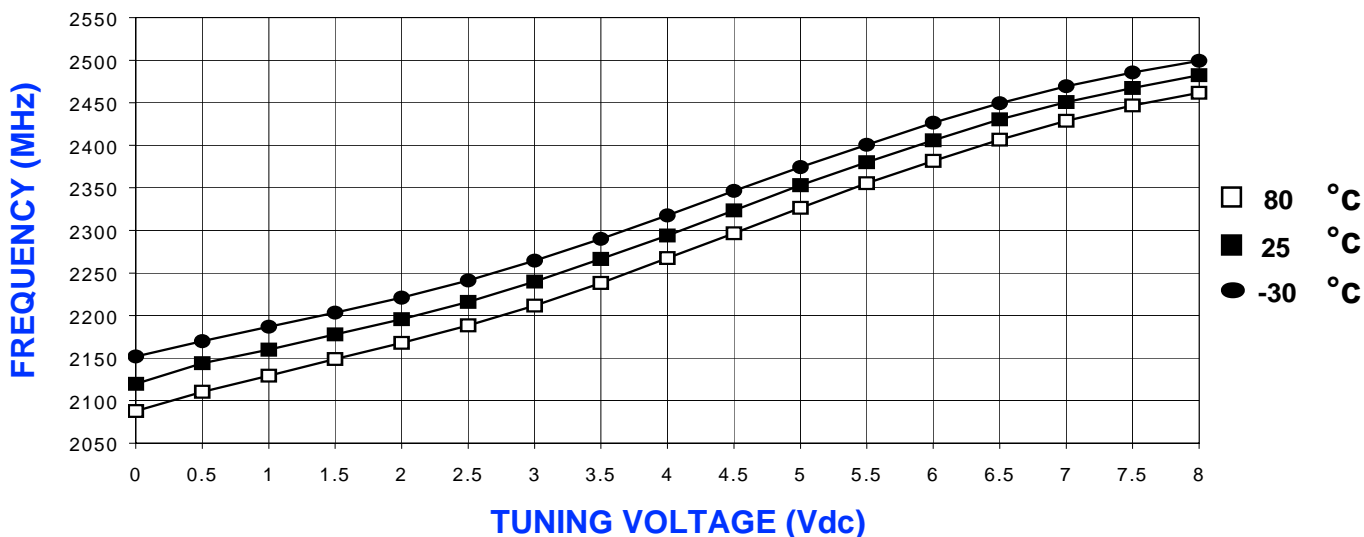
All specifications are typical unless otherwise noted and subject to change without notice.

**APPLICATION NOTES**

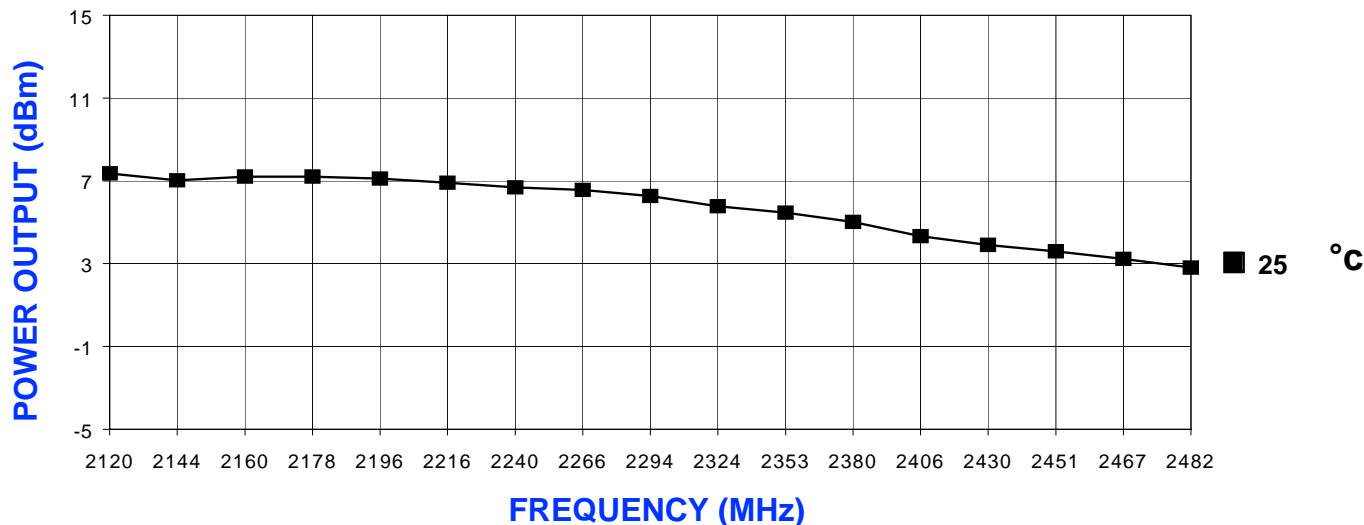
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

**NOTES:**

**TUNING CURVE, typ.**



**POWER CURVE, typ.**



**PHYSICAL DIMENSIONS**

