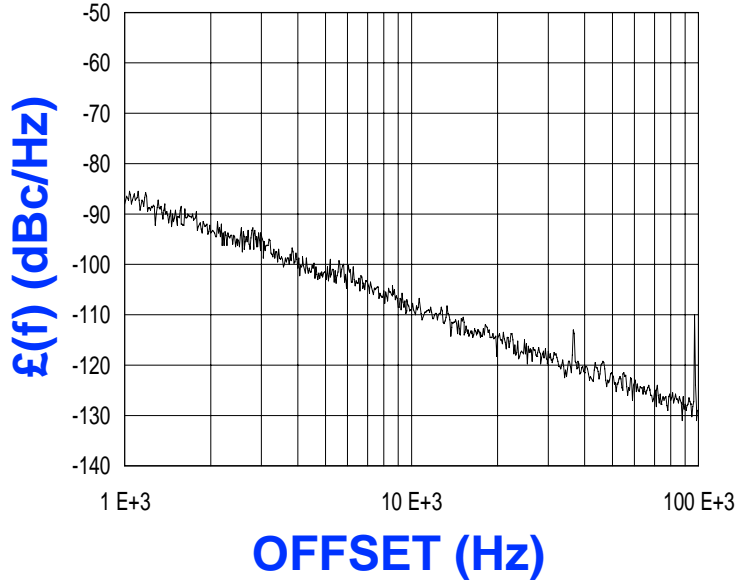


**PHASE NOISE (1 Hz BW, typical)**



FEATURES	
• Frequency Range:	151 - 179 MHz
• Tuning Voltage:	0-4 Vdc
• MINI-14S - Style Package	
APPLICATIONS	
• RF Modems	
• Earthstations	
•	

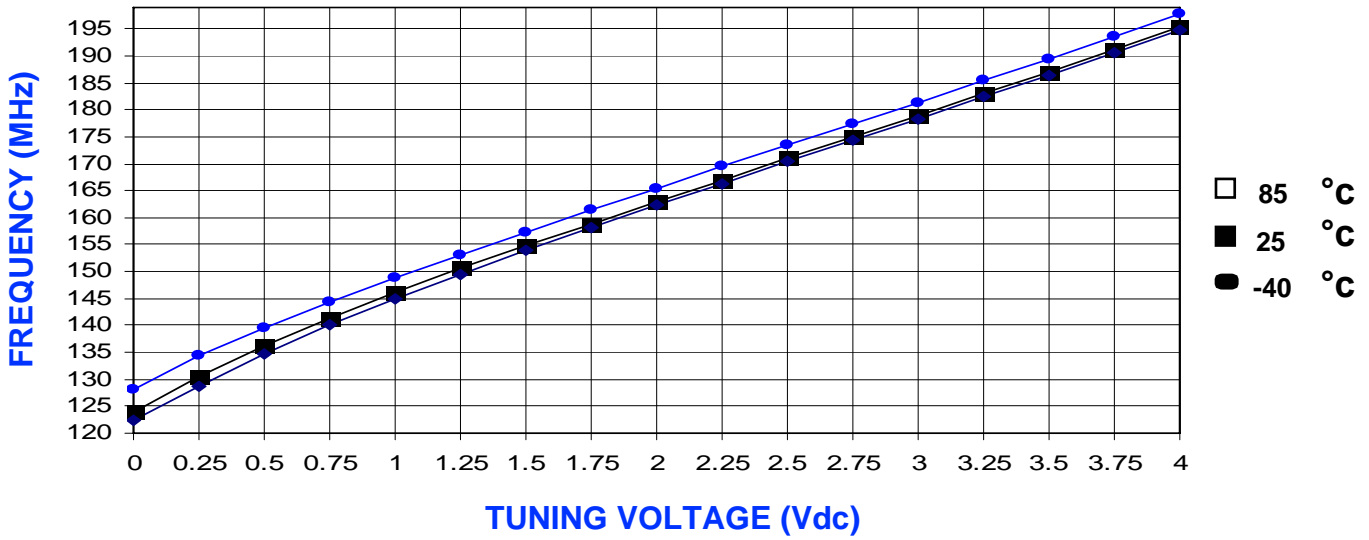
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	151 - 179	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-109	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0-4	Vdc
Tuning Sensitivity (avg.)	16	MHz/V
Power Output	2.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<1	MHz/V
Pulling ( 14dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	3.5	Vdc
Supply Current (Icc, typ.)	8	mA

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

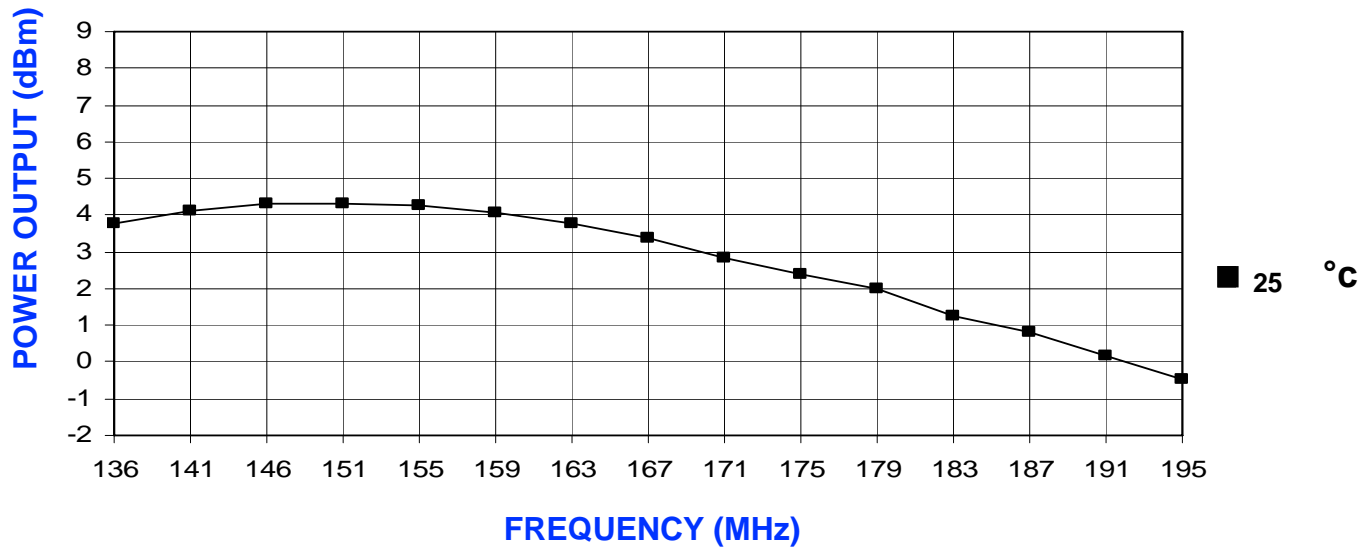
APPLICATION NOTES
• AN-100/1 : Mounting and Grounding of VCOs
• AN-102 : Proper Output Loading of VCOs
• AN-107 : How to Solder Z-COMM VCOs

**NOTES:**

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

