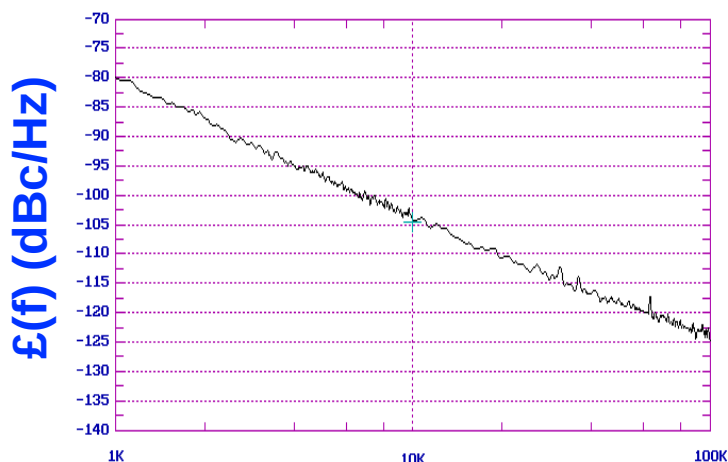




PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES
- Frequency Range: 900 - 1200 MHz - Tuning Voltage: 1 - 8 Vdc - MINI-14S - Style Package
APPLICATIONS
- Portable Radios - Earthstations - Satellite Communications

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	900 - 1200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-102	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	1 - 8	Vdc
Tuning Sensitivity (avg.)	63	MHz/V
Power Output	10±2	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	150	pF
Pushing	<3	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<10	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	

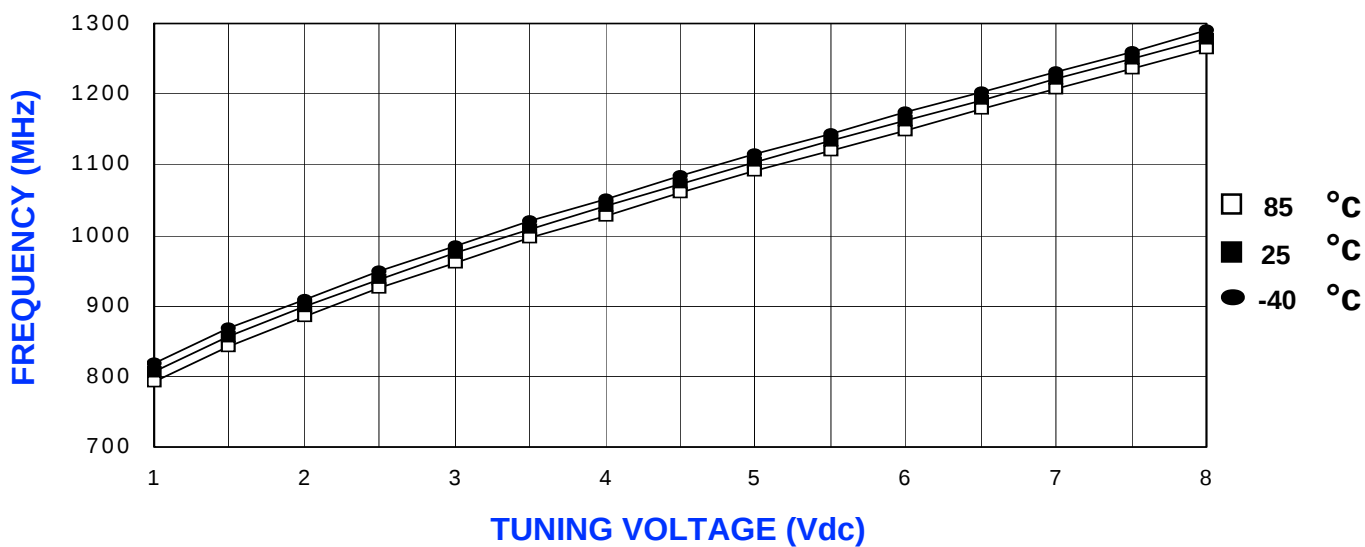
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	25	mA

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

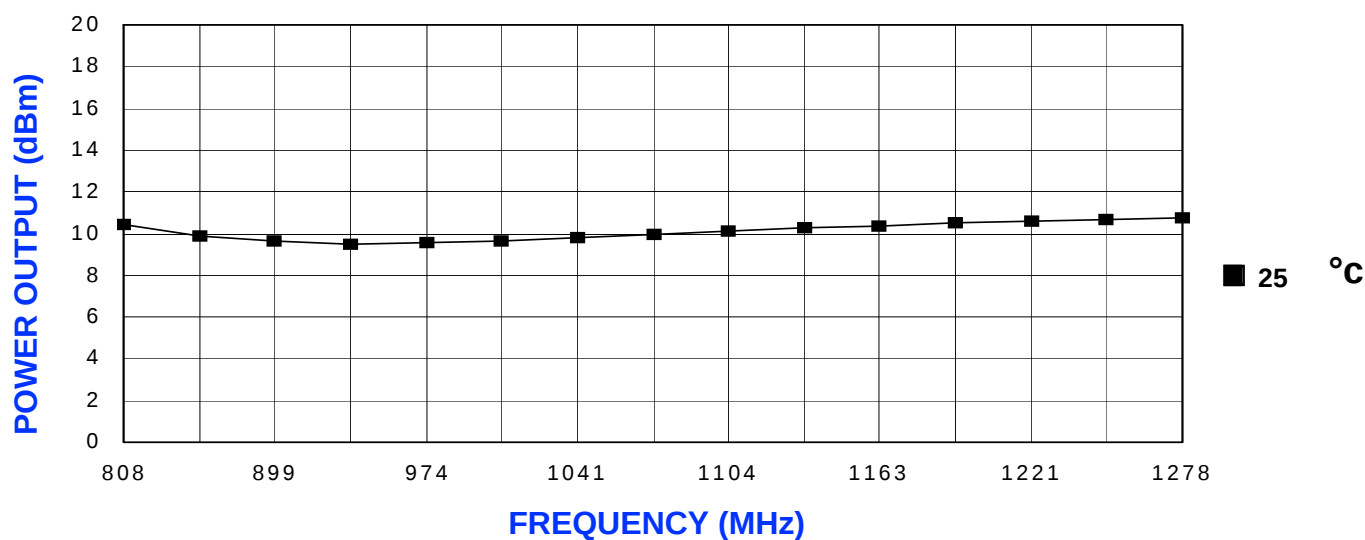
APPLICATION NOTES
- AN-100/1 : Mounting and Grounding of VCOs - AN-102 : Proper Output Loading of VCOs - AN-107 : How to Solder Z-COMM VCOs

NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

