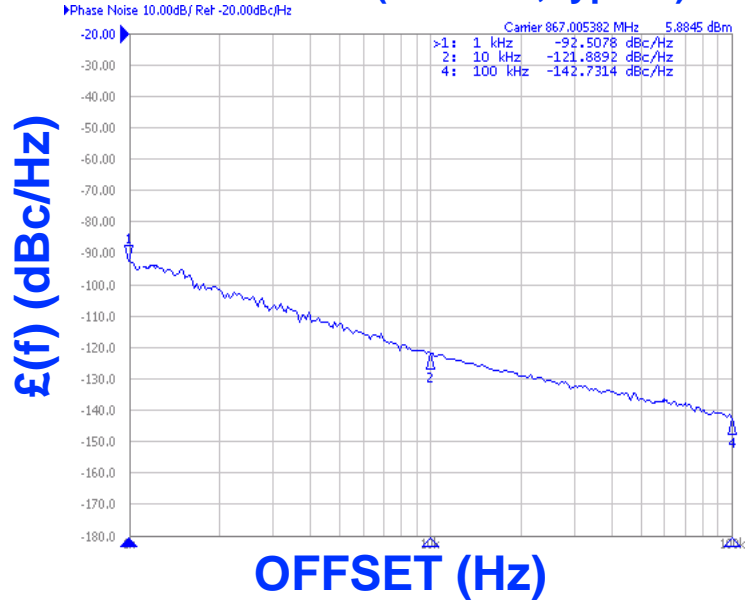




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 864 - 870 MHz
- Tuning Voltage: 1-11 Vdc
- MINI-16 - Style Package

APPLICATIONS

- Mobile Communications
- Satellite Modems
- RFID

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	864 - 870	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-120	dBc/Hz
Harmonic Suppression (2nd, typ.)	-30	dBc
Tuning Voltage	1-11	Vdc
Tuning Sensitivity (avg.)	3	MHz/V
Power Output	5.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<0.1	MHz/V
Pulling (14dB Return Loss, Any Phase)	<2	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	27	mA

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

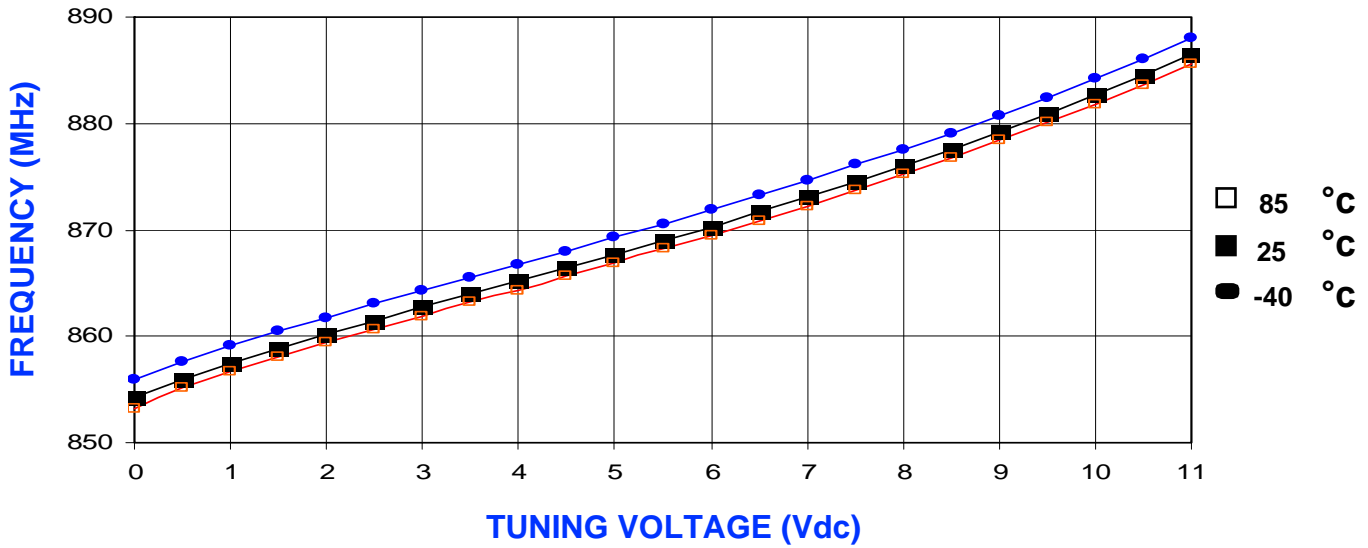
APPLICATION NOTES

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

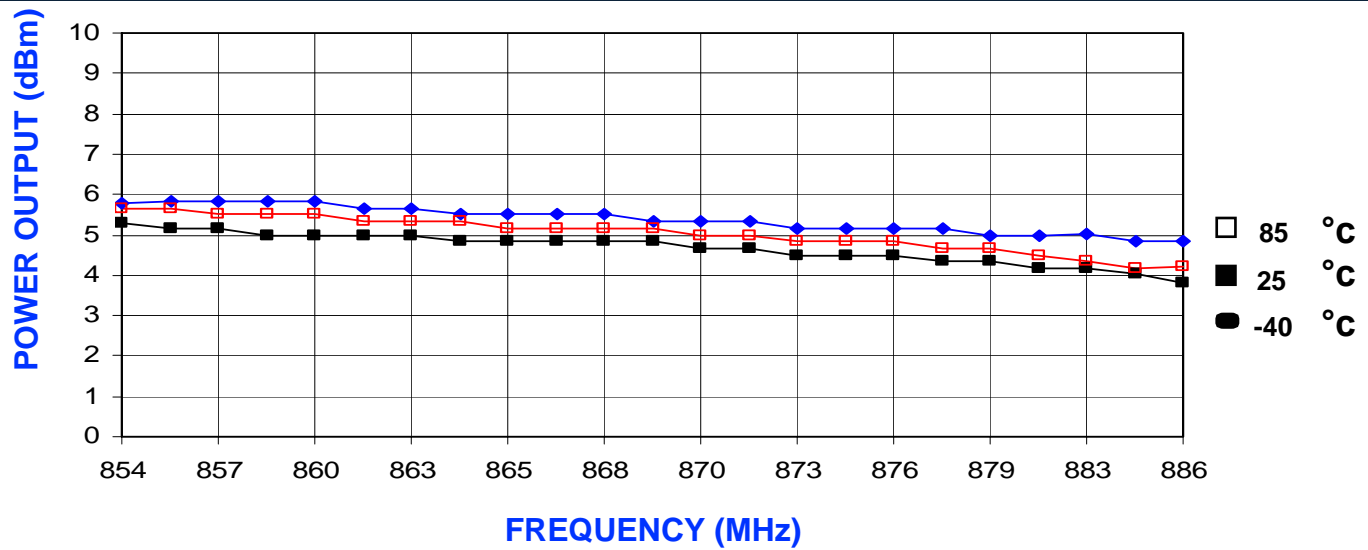
NOTES:

RoHS Compliant.

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

