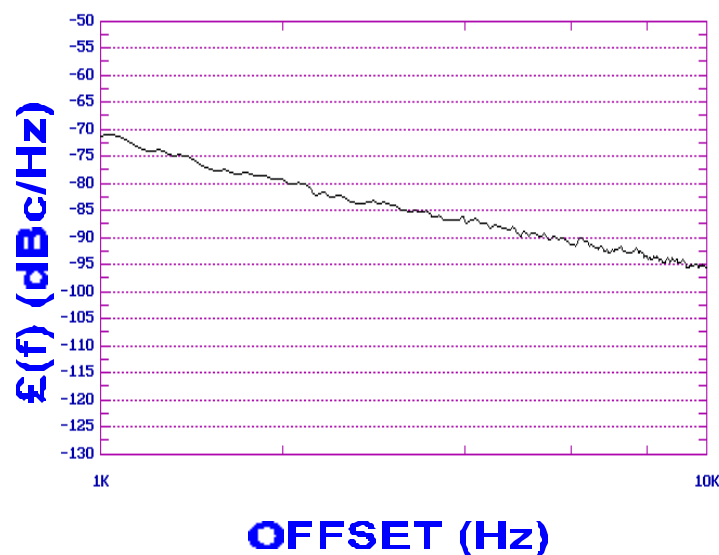


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2800 - 2870 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-14H - Style Package

APPLICATIONS

- WLAN
- Digital Radios
- Earthstations

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

Oscillation Frequency Range	2800 - 2870	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-94	dBc/Hz
Harmonic Suppression (2nd, typ.)	-13	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	65	MHz/V
Power Output	6.25±3.25	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<10	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<30	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14H	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	4.5	Vdc
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Supply Voltage (VCC, nom.)

4.5

VDC

Supply Current (ICC, typ.)

15

mA

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

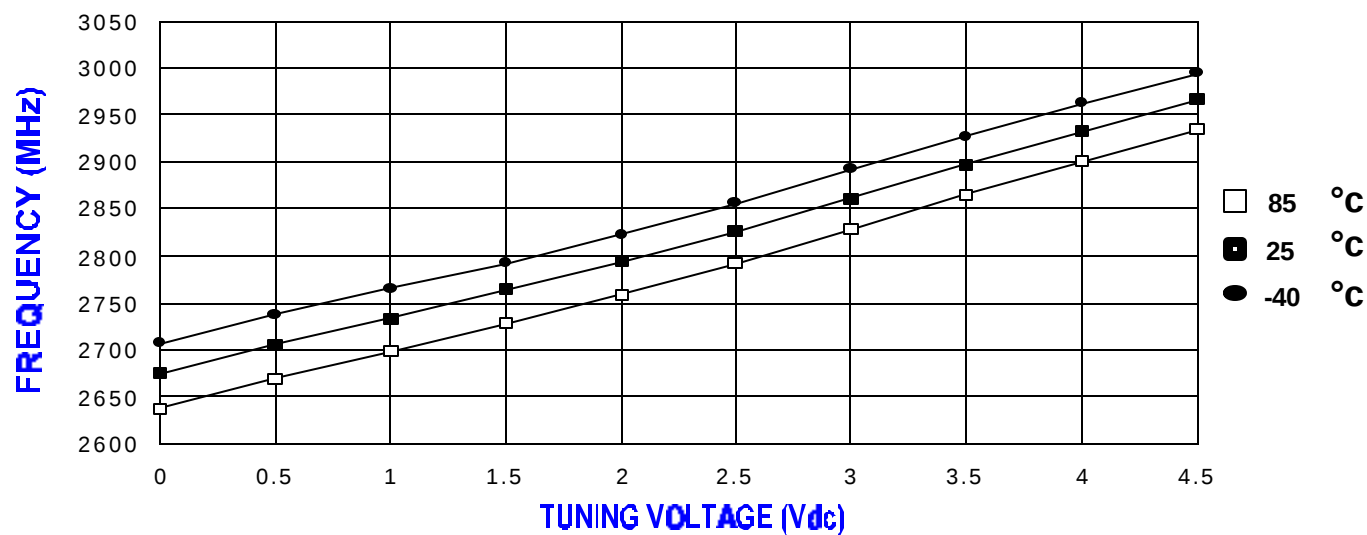
APPLICATION NOTES

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

NOTES:

**LOW COST - HIGH PERFORMANCE
VOLTAGE CONTROLLED OSCILLATOR****V630ME10**
PAGE 2

TUNING CURVE, typ.



POWER CURVE, typ.

