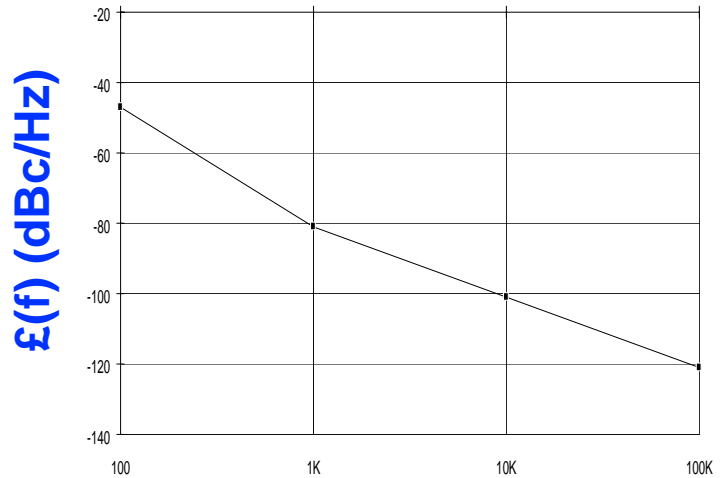



PHASE NOISE (1 Hz BW, typical)

FEATURES

- Frequency Range: 850 - 890 MHz
- Tuning Voltage: 0-5 Vdc
- MINI-16 - Style Package

APPLICATIONS

- Digital Cellular
- VHF Communications
- WLAN

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	850 - 890	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-99	dBc/Hz
Harmonic Suppression (2nd, typ.)	-5	dBc
Tuning Voltage	0-5	Vdc
Tuning Sensitivity (avg.)	40	MHz/V
Power Output	8±2	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<3	MHz/V
Pulling (14dB Return Loss, Any Phase)	<5	MHz
Operating Temperature Range	0 to 70	°C
Package Style	MINI-16	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	24	mA

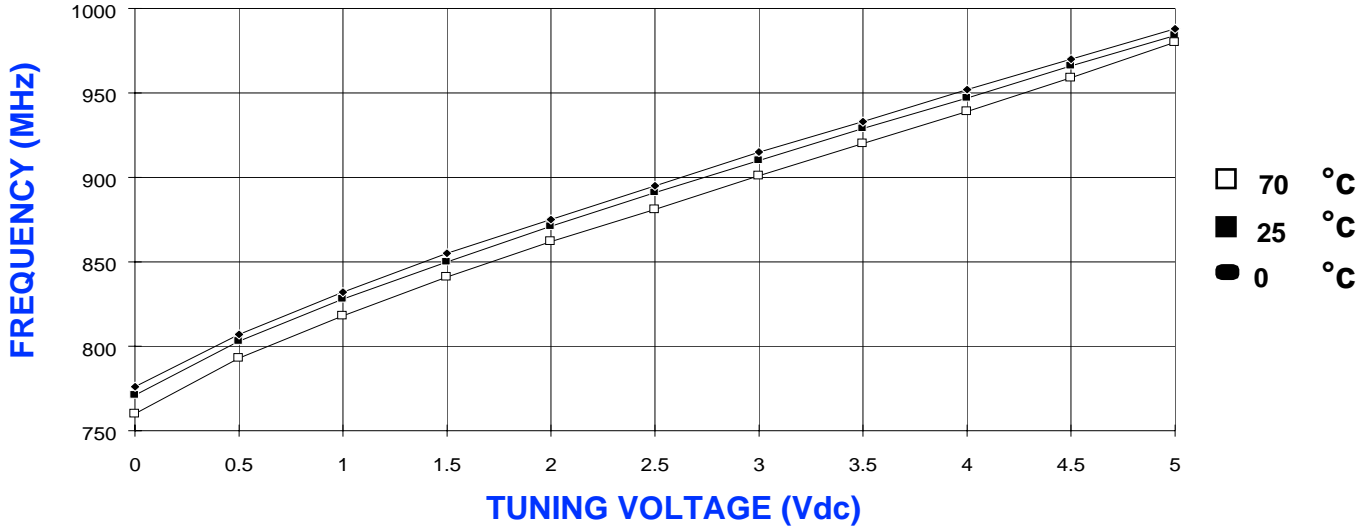
All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

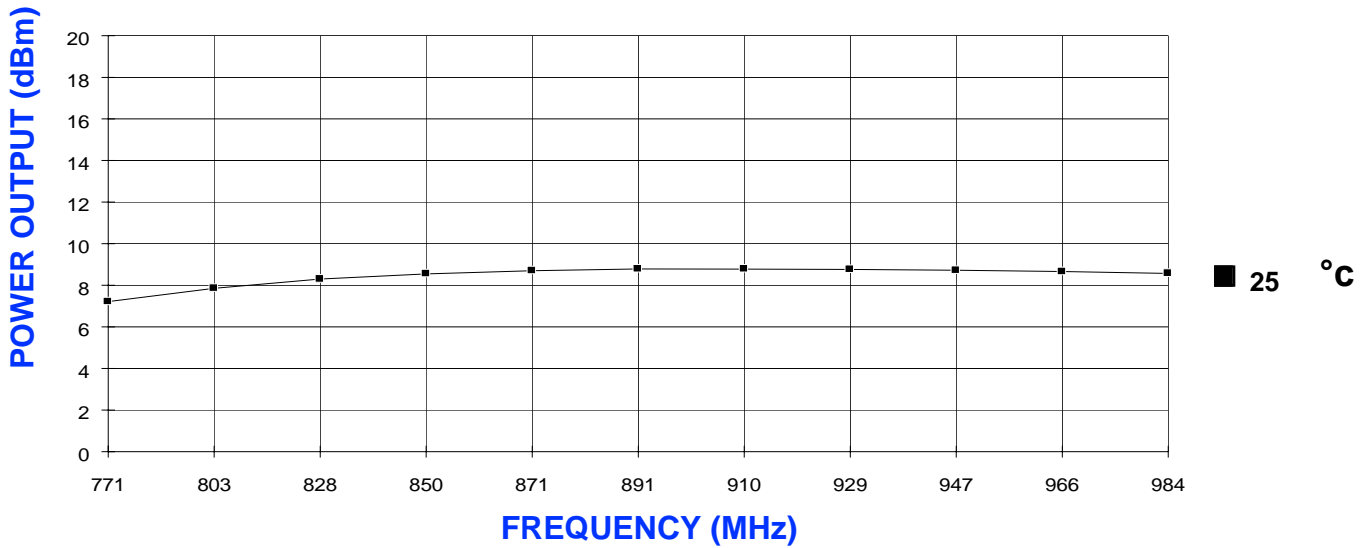
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

