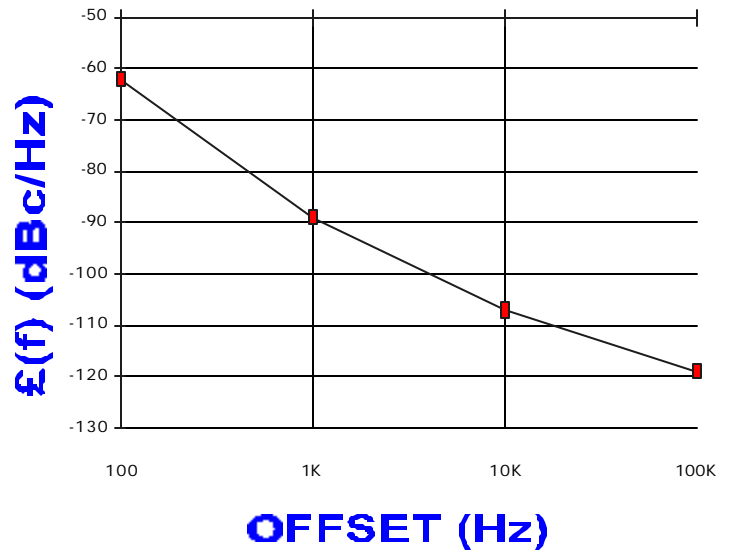




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 38 - 41 MHz
- Tuning Voltage: 0-5 Vdc
- MINI-14H - Style Package

APPLICATIONS

- Digital Cordless Phones
- Portable Radios
- Test Instrumentation

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	38 - 41	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-108	dBc/Hz
Harmonic Suppression (2nd, typ.)	-4	dBc
Tuning Voltage	0-5	Vdc
Tuning Sensitivity (avg.)	1.2	MHz/V
Power Output	3.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	1000	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-30 to 85	°C
Package Style	MINI-14H	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	18	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:

