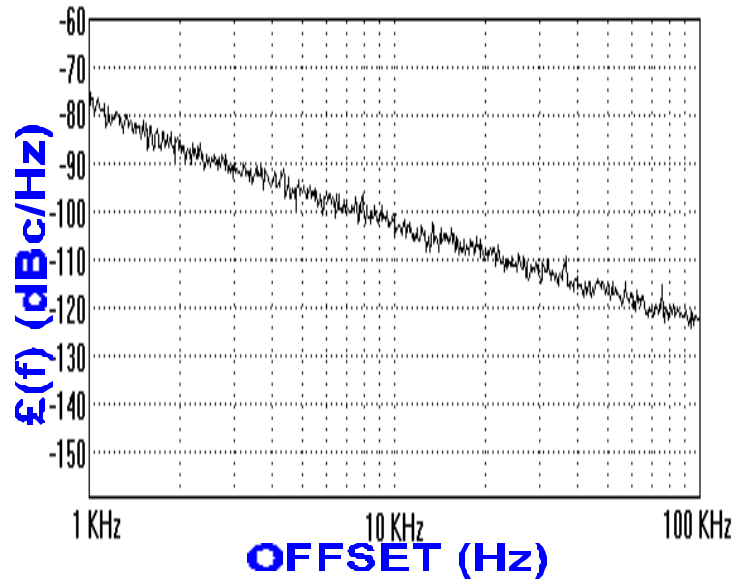


**PHASE NOISE (1 Hz BW, typical)**



**FEATURES**

- Frequency Range: 905 - 925 MHz
- Tuning Voltage: 0.5-2.5 Vdc
- SUB-L - Style Package

**APPLICATIONS**

- Digital Cellular
- VHF Communications
- Test Equipment

**PERFORMANCE SPECIFICATIONS**

	VALUE	UNITS
Oscillation Frequency Range	905 - 925	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-101	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-2.5	Vdc
Tuning Sensitivity (avg.)	75	MHz/V
Power Output	4±2	dBm
Load Impedance	50	$\Omega$
Input Capacitance (max.)	50	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<5	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	SUB-L	
<b>POWER SUPPLY REQUIREMENTS</b>		
Supply Voltage (Vcc, nom.)	3	Vdc
Supply Current (Icc, typ.)	6	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:**

