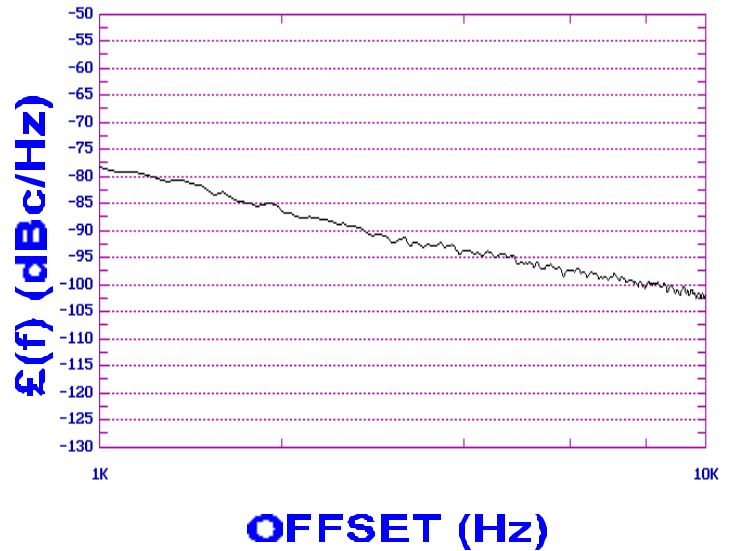


**PHASE NOISE (1 Hz BW, typical)**



**FEATURES**

- Frequency Range: 204 - 206 MHz
- Tuning Voltage: 1-4 Vdc
- SUB-L - Style Package

**APPLICATIONS**

- Portable Radios
- Basestations
- Test Instruments

**PERFORMANCE SPECIFICATIONS**

	VALUE	UNITS
Oscillation Frequency Range	204 - 206	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-102	dBc/Hz
Harmonic Suppression (2nd, typ.)	-11	dBc
Tuning Voltage	1-4	Vdc
Tuning Sensitivity (avg.)	11	MHz/V
Power Output	-1±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-20 to 85	°C
Package Style	SUB-L	

**POWER SUPPLY REQUIREMENTS**

Supply Voltage (Vcc, nom.)	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:**

