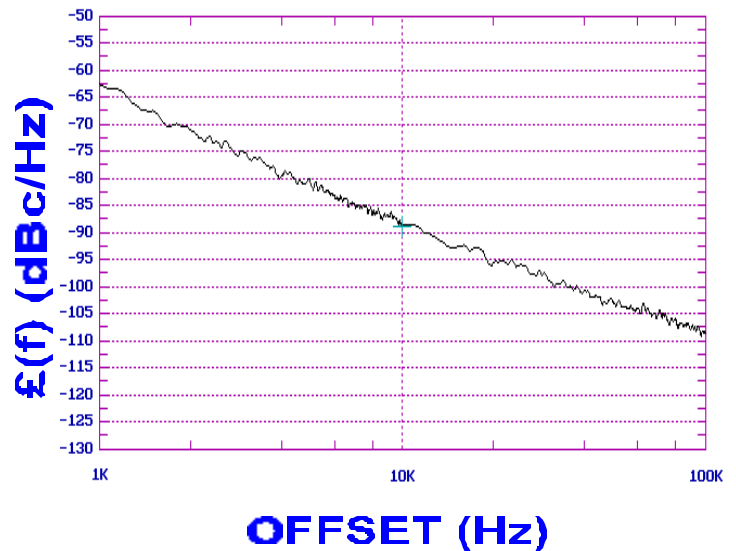


**PHASE NOISE (1 Hz BW, typical)**



**FEATURES**

- Frequency Range: 2050 - 2150 MHz
- Tuning Voltage: 0.6-4.3 Vdc
- SUB-L - Style Package

**APPLICATIONS**

- WLAN
- PCS
- Portable Radios

**PERFORMANCE SPECIFICATIONS**

	VALUE	UNITS
Oscillation Frequency Range	2050 - 2150	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-88	dBc/Hz
Harmonic Suppression (2nd, typ.)	-9	dBc
Tuning Voltage	0.6-4.3	Vdc
Tuning Sensitivity (avg.)	106	MHz/V
Power Output	7.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<15	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<20	MHz
Operating Temperature Range	0 to 70	°C
Package Style	SUB-L	

**POWER SUPPLY REQUIREMENTS**

Supply Voltage (Vcc, nom.)	3	Vdc
Supply Current (Icc, typ.)	13	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:**

