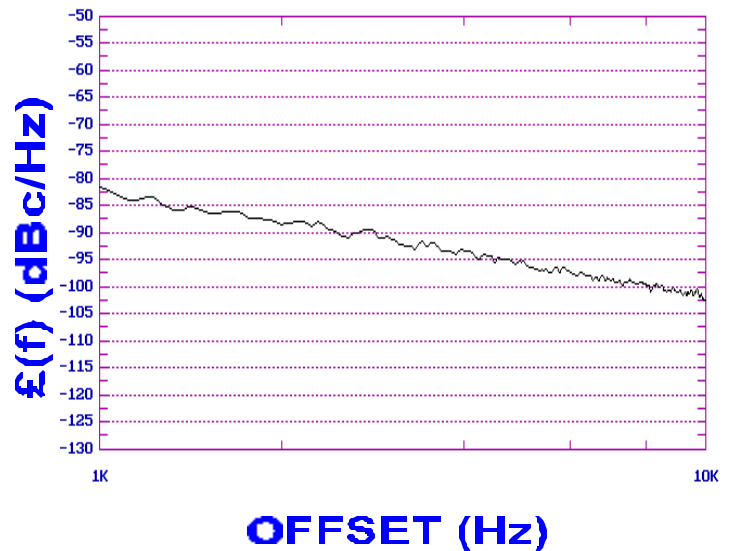




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 690 - 710 MHz
- Tuning Voltage: 1-4 Vdc
- MINI-14S-L - Style Package

APPLICATIONS

- Digital Cellular
- Data Links
- WLANs

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	690 - 710	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-102	dBc/Hz
Harmonic Suppression (2nd, typ.)	-5	dBc
Tuning Voltage	1-4	Vdc
Tuning Sensitivity (avg.)	20	MHz/V
Power Output	6.5±1.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	125	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<7	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S-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:

