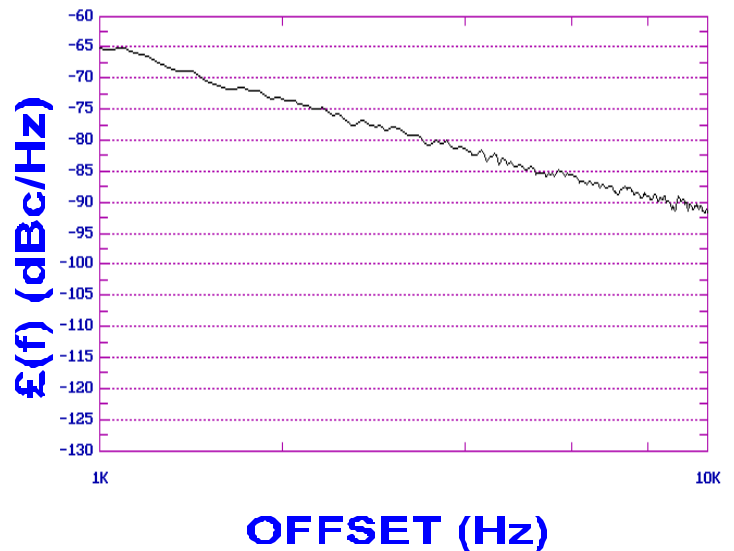


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2710 - 3010 MHz
- Tuning Voltage: 0.5-5.5 Vdc
- MINI-14H - Style Package

APPLICATIONS

- WLAN
- Digital Radios
- Earthstations

PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2710 - 3010	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-90	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-5.5	Vdc
Tuning Sensitivity (avg.)	102	MHz/V
Power Output	0±3	dBm
Load Impedance	50	?
Input Capacitance (max.)	50	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<10	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14H	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	14	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:

