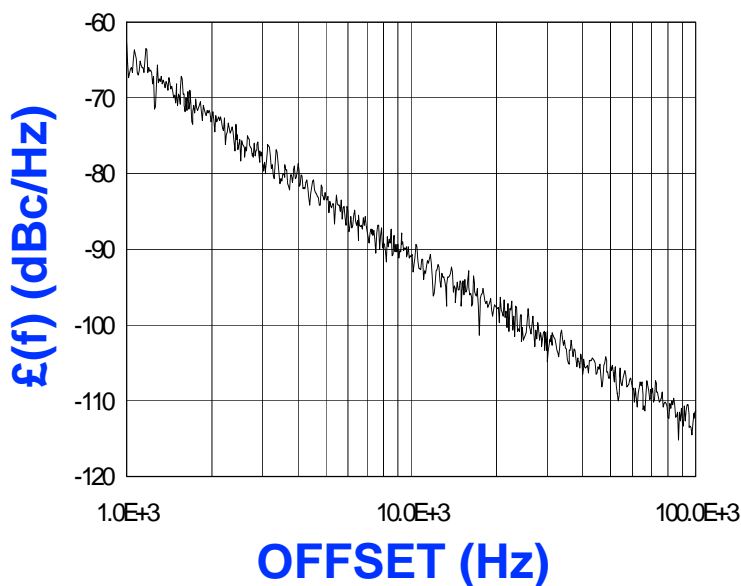


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2350 - 3125 MHz
- Tuning Voltage: 0-15 Vdc
- MINI-14S-L - Style Package

APPLICATIONS

- Test Instrumentation
- CATV Headend Equipment
- Satellite Communication Systems

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	2350 - 3125	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-90	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0-15	Vdc
Tuning Sensitivity (avg.)	72	MHz/V
Power Output	4±4	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	20	pF
Pushing	<6	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<9	MHz
Operating Temperature Range	-5 to 80	°C
Package Style	MINI-14S-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	17	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:

