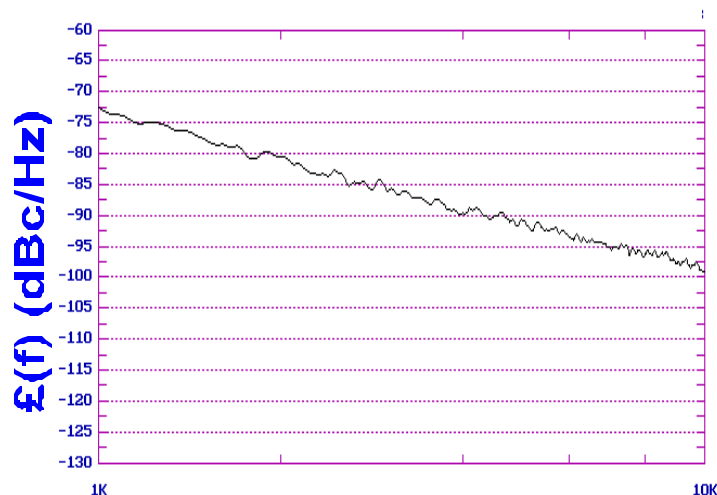




PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES
- Frequency Range: 1280 - 1510 MHz - Tuning Voltage: 0.5-8.5 Vdc - MINI-14S - Style Package
APPLICATIONS
- Basestations - Test Instrumentation - Satellite Modems

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1280 - 1510	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-99	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-8.5	Vdc
Tuning Sensitivity (avg.)	61	MHz/V
Power Output	6.75±2.25	dBm
Load Impedance	50	?
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<12	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	

POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	16	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:

