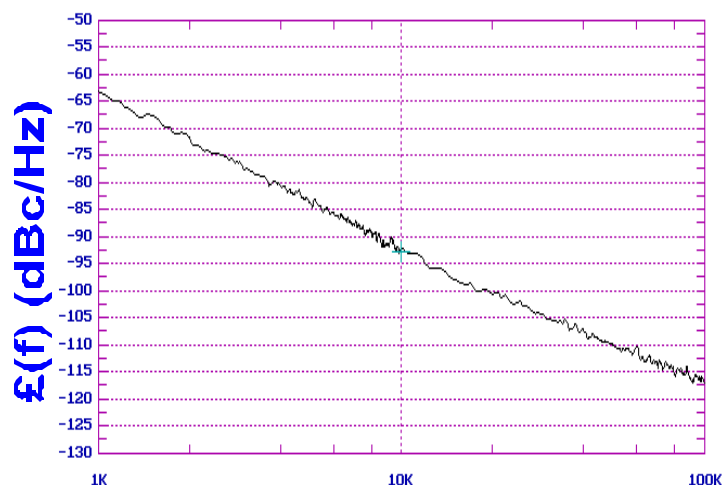


PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES

- Frequency Range: 1700 - 2496 MHz
- Tuning Voltage: 2-20 Vdc
- MINI-14S-L - Style Package

APPLICATIONS

- Satellite Communication Systems
- Earthstations
- Digital Radios

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

Oscillation Frequency Range	1700 - 2496	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-93	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	2-20	Vdc
Tuning Sensitivity (avg.)	66	MHz/V
Power Output	7±3	dBm
Load Impedance	50	?
Input Capacitance (max.)	50	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<12	MHz
Operating Temperature Range	-10 to 85	°C
Package Style	MINI-14S-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	25	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:

