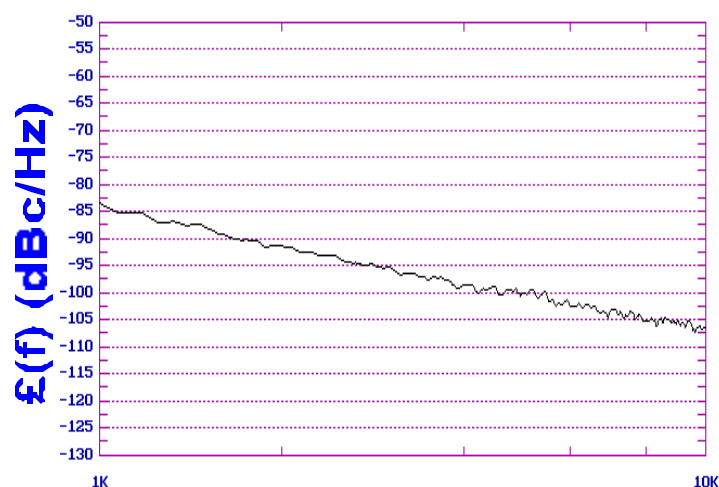


PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES

- Frequency Range: 1930 - 1990 MHz
- Tuning Voltage: 1.5-8 Vdc
- MINI-16-LOW - Style Package

APPLICATIONS

- PCS Basestations
- Portable Receivers
- Mobile Communications

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1930 - 1990	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-107	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	1.5-8	Vdc
Tuning Sensitivity (avg.)	20	MHz/V
Power Output	5±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<5	MHz
Operating Temperature Range	-10 to 85	°C
Package Style	MINI-16-LOW	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	8	Vdc
Supply Current (Icc, typ.)	21	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:

