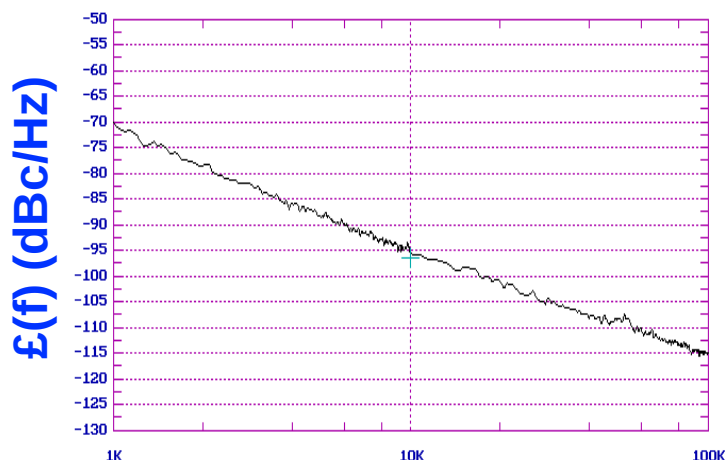




PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

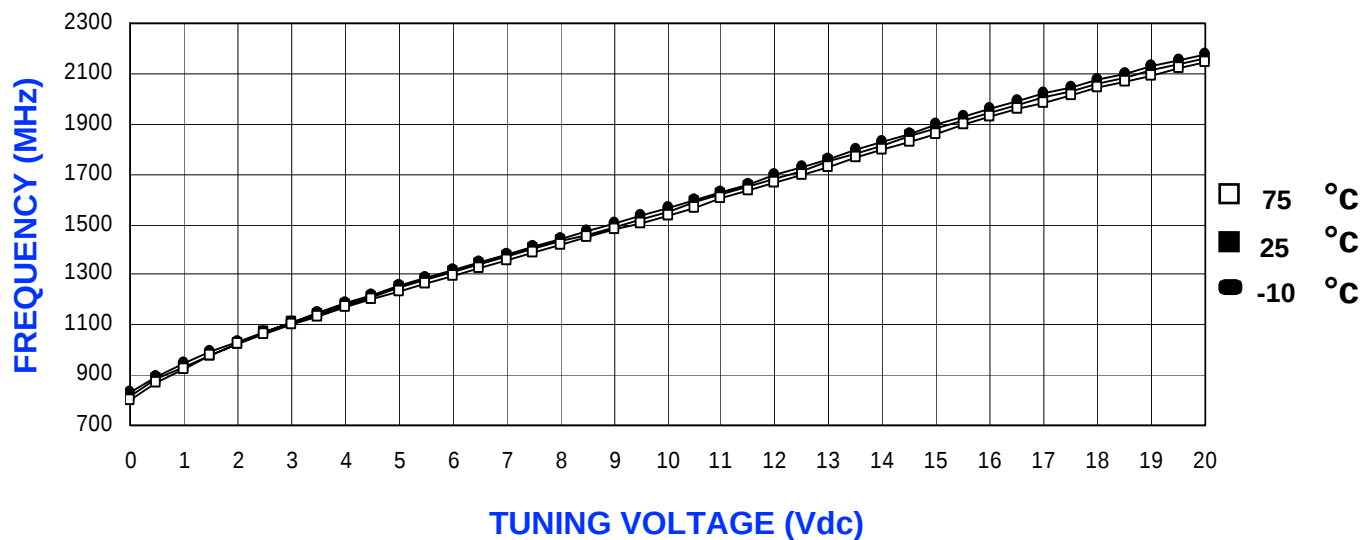
FEATURES
- Frequency Range: 1250 - 2050 MHz - Tuning Voltage: 1 - 20 Vdc - MINI-14S-L - Style Package
APPLICATIONS
- Satellite Communications - Test Instrumentation - CATV Headend Equipment

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1250 - 2050	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-95	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	1 - 20	Vdc
Tuning Sensitivity (avg.)	62	MHz/V
Power Output	7±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<3	MHz/V
Pulling (14dB Return Loss, Any Phase)	<15	MHz
Operating Temperature Range	-10 to 75	°C
Package Style	MINI-14S-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	18	mA

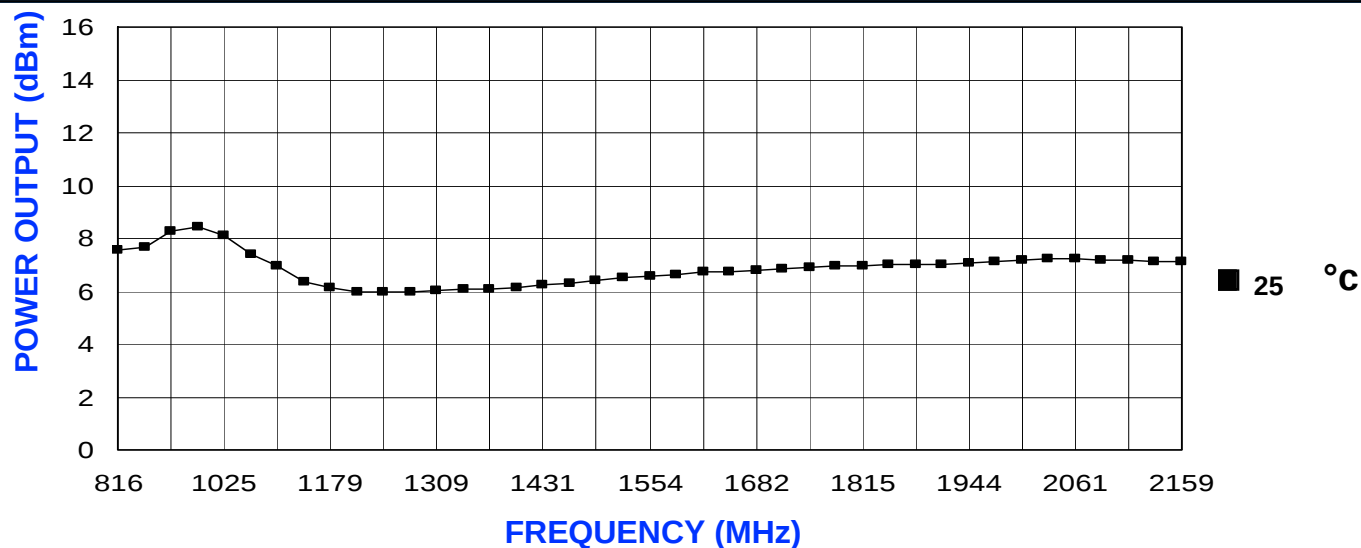
All specifications are typical unless otherwise noted and subject to change without notice.

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:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

