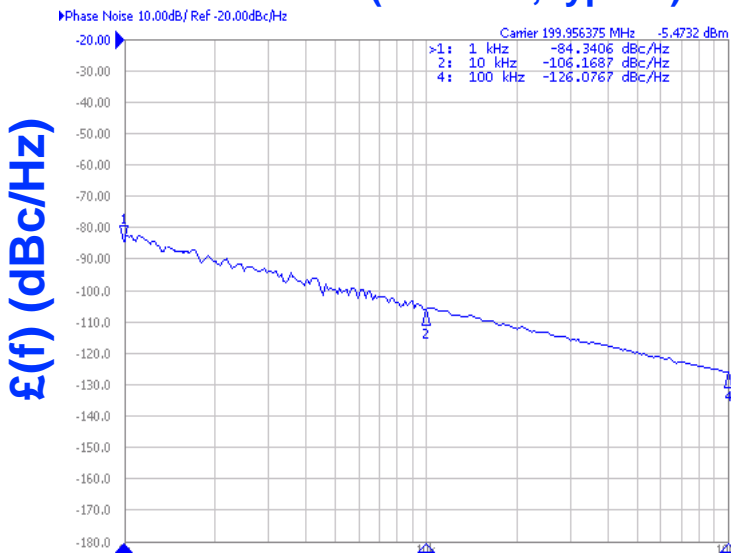




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 175 - 225 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-16 - Style Package

APPLICATIONS

- RF Modems
- Earthstations
- Test Instrumentation

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	175 - 225	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-106	dBc/Hz
Harmonic Suppression (2nd, typ.)	-20	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	19	MHz/V
Power Output	0.5±5.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<0.5	MHz/V
Pulling (14dB Return Loss, Any Phase)	<0.5	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	9	mA

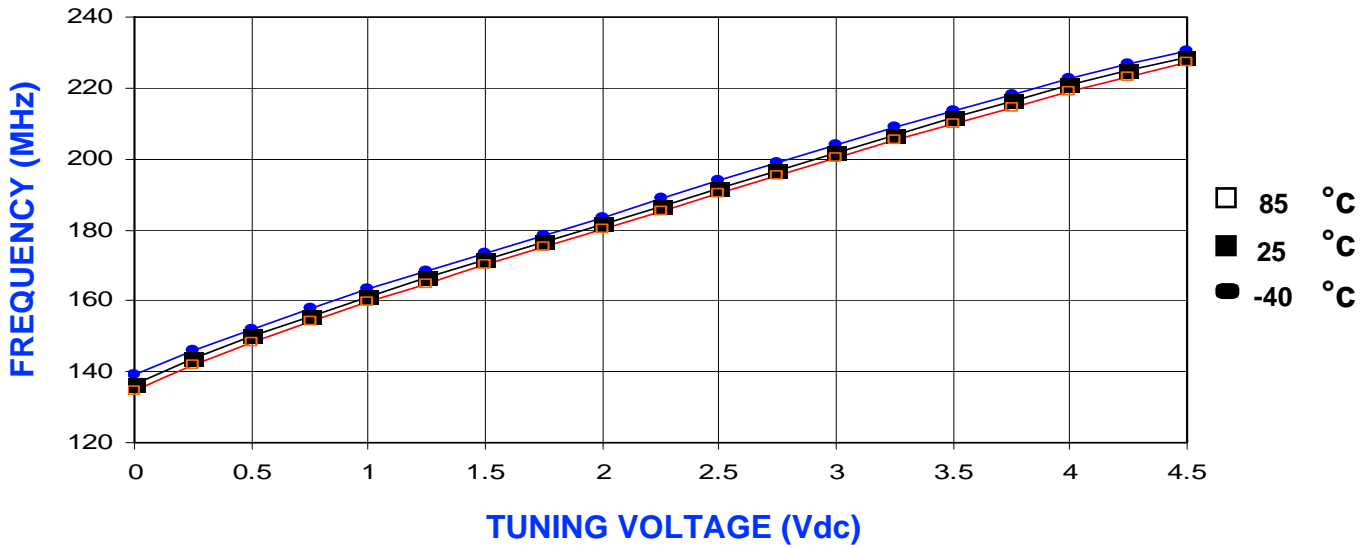
All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

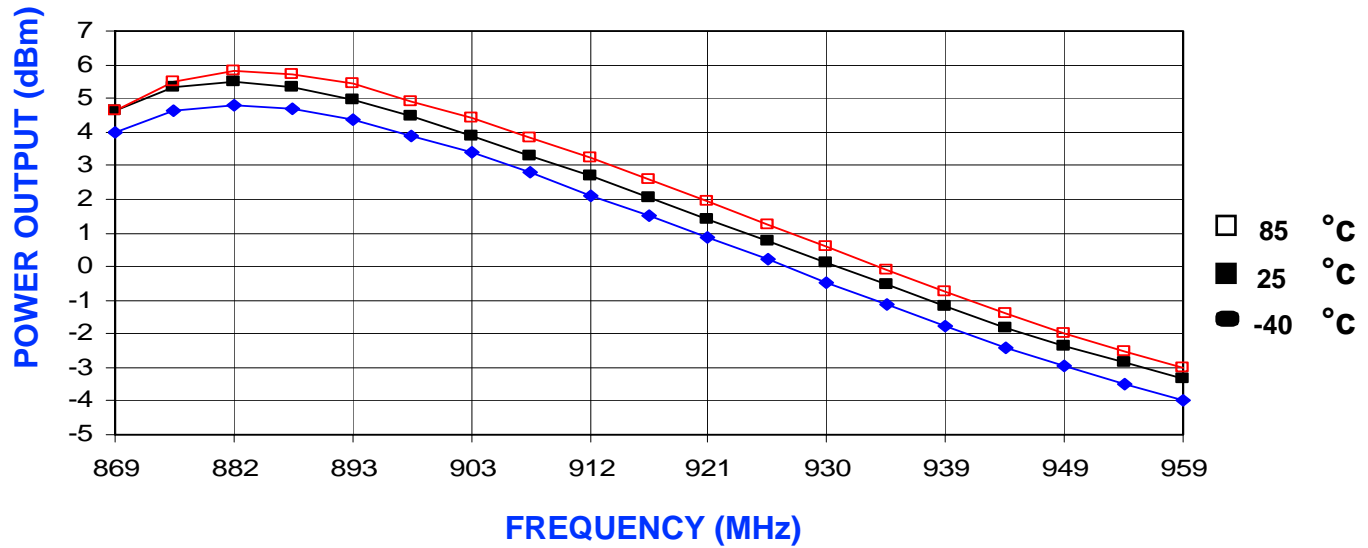
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

