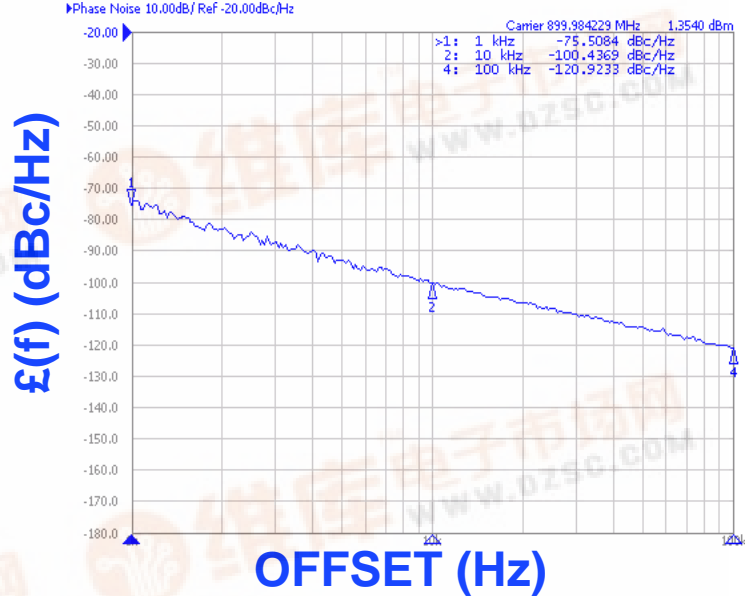




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 600 -1200 MHz
- Tuning Voltage: 0-13 Vdc
- MINI-16 - Style Package

APPLICATIONS

- Portable Radios
- Earthstations
- CATV

PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	600 - 1200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-100	dBc/Hz
Harmonic Suppression (2nd, typ.)	-12	dBc
Tuning Voltage	0-13	Vdc
Tuning Sensitivity (avg.)	58	MHz/V
Power Output	8.5±1.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	150	pF
Pushing	<3	MHz/V
Pulling (14dB Return Loss, Any Phase)	<7	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	18	mA

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

APPLICATION NOTES

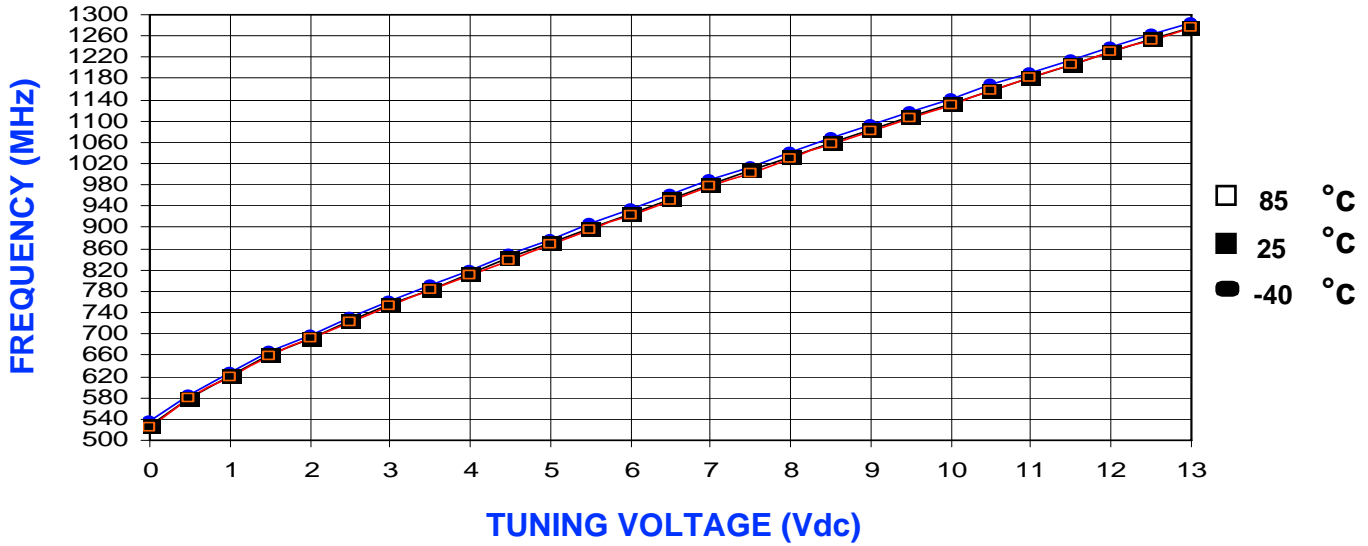
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

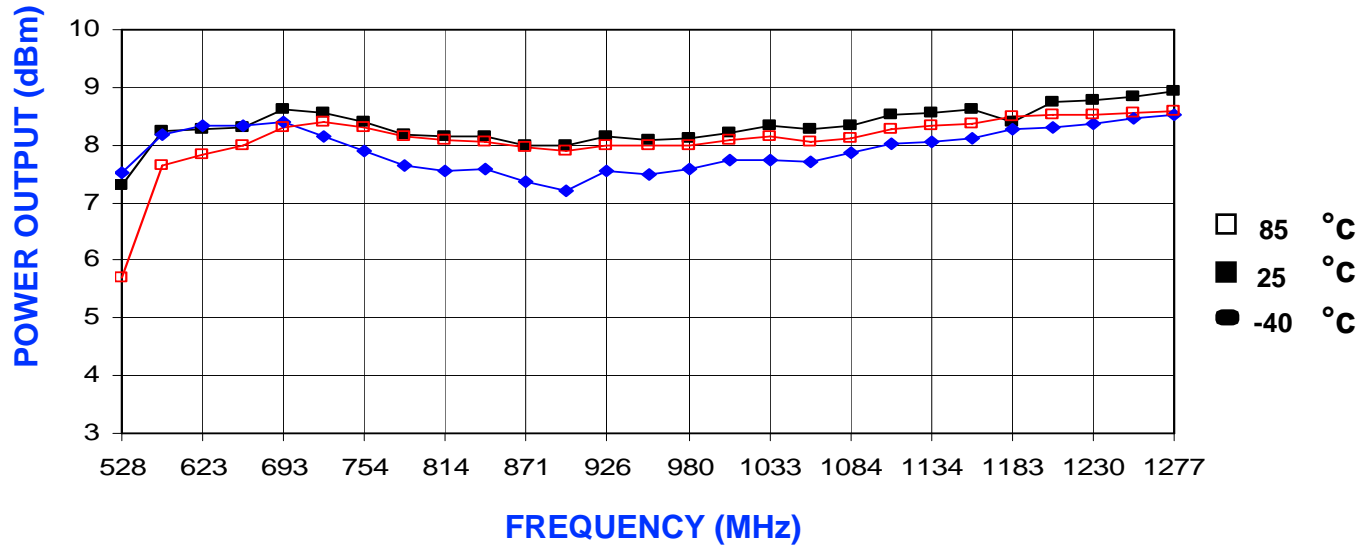
REV B: V706MC02 on new board.



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

