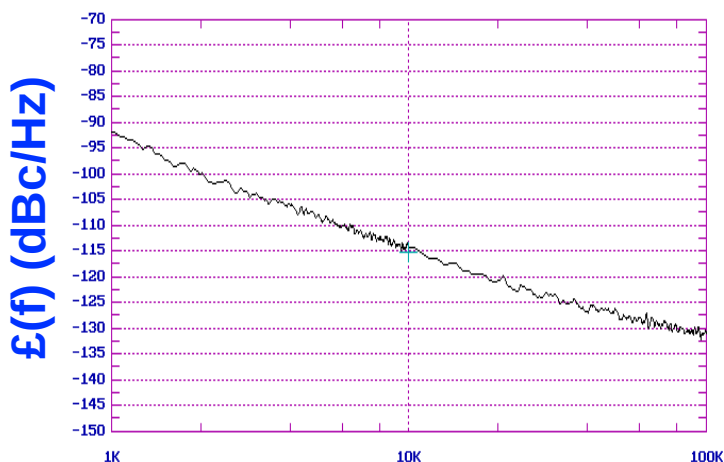




PHASE NOISE (1 Hz BW, typical)



FEATURES
• Frequency Range: 734 - 804 MHz • Tuning Voltage: 1- 4 Vdc • MINI-16 - Style Package
APPLICATIONS
• VSAT Modems • Basestation • Digital Radios

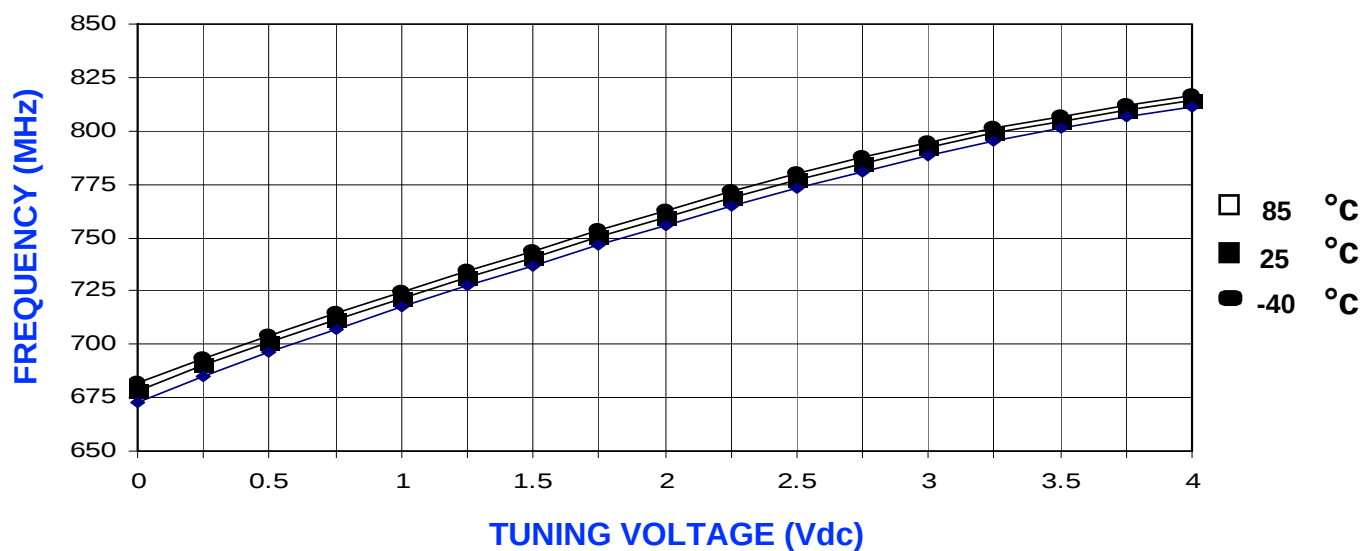
OFFSET (Hz)

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	734 - 804	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-111	dBc/Hz
Harmonic Suppression (2nd, typ.)	-9	dBc
Tuning Voltage	1- 4	Vdc
Tuning Sensitivity (avg.)	40	MHz/V
Power Output	2.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<2	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.)	16	mA

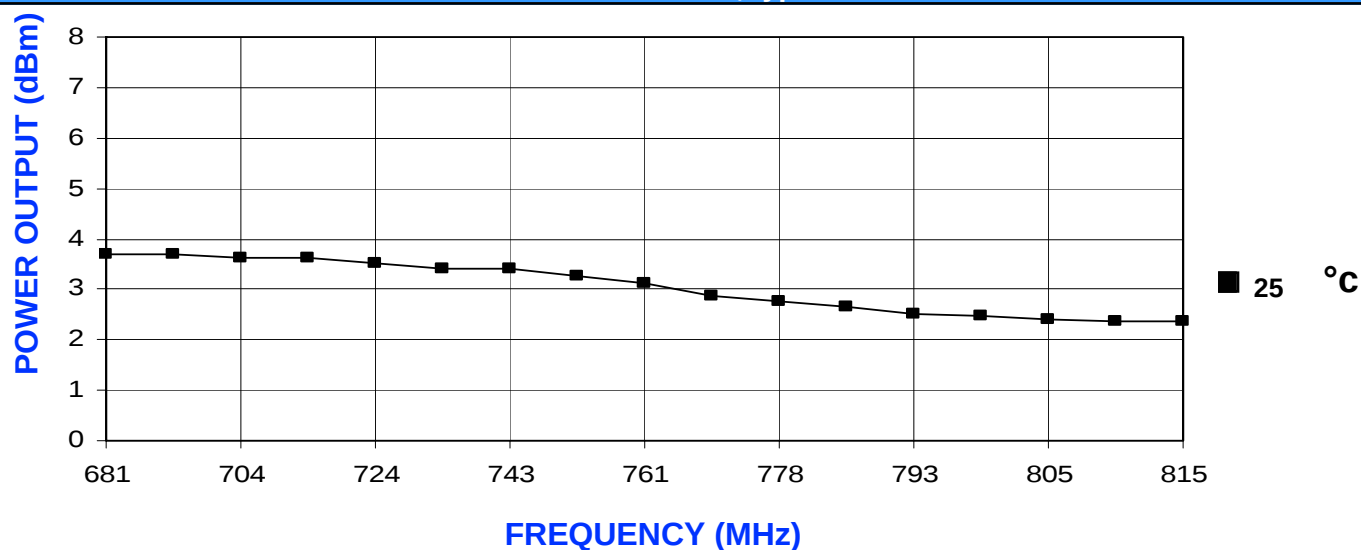
All specifications are typical unless otherwise noted and subject to change without notice.

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

