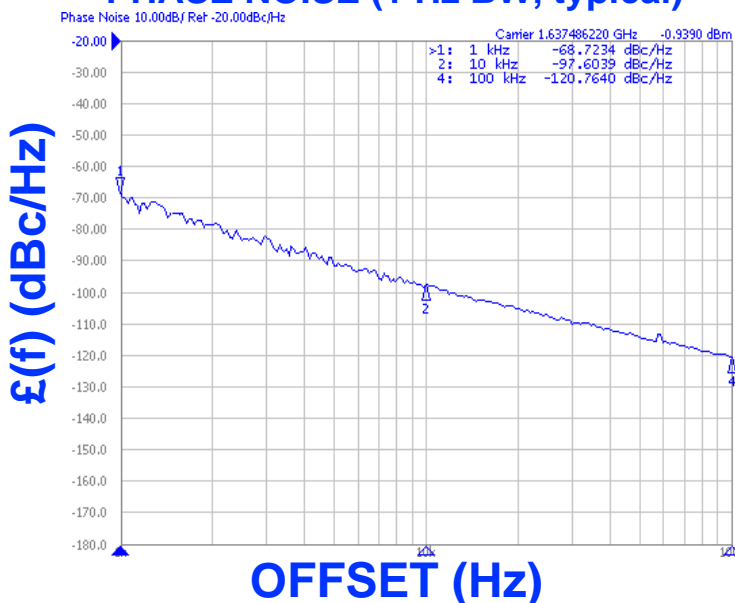




### PHASE NOISE (1 Hz BW, typical)



#### FEATURES

- Frequency Range: 1450 - 1825 MHz
- Tuning Voltage: 0.25-4.75 Vdc
- MINI-14S - Style Package

#### APPLICATIONS

- Portable Radios
- PCS
- Downconvertors

#### PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1450 - 1825	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-96	dBc/Hz
Harmonic Suppression (2nd, typ.)	-11	dBc
Tuning Voltage	0.25-4.75	Vdc
Tuning Sensitivity (avg.)	110	MHz/V
Power Output	3.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<11	MHz/V
Pulling ( 14dB Return Loss, Any Phase)	<12	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	

#### POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	4.5	Vdc
Supply Current (Icc, typ.)	14	mA

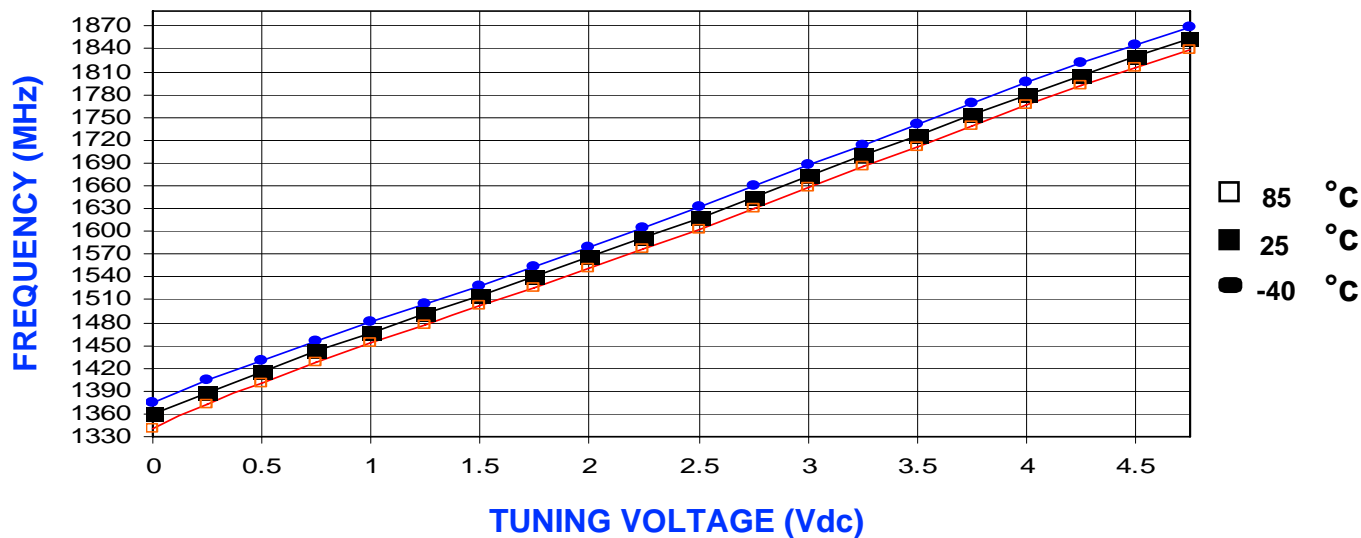
All specifications are typical unless otherwise noted and subject to change without notice.

#### APPLICATION NOTES

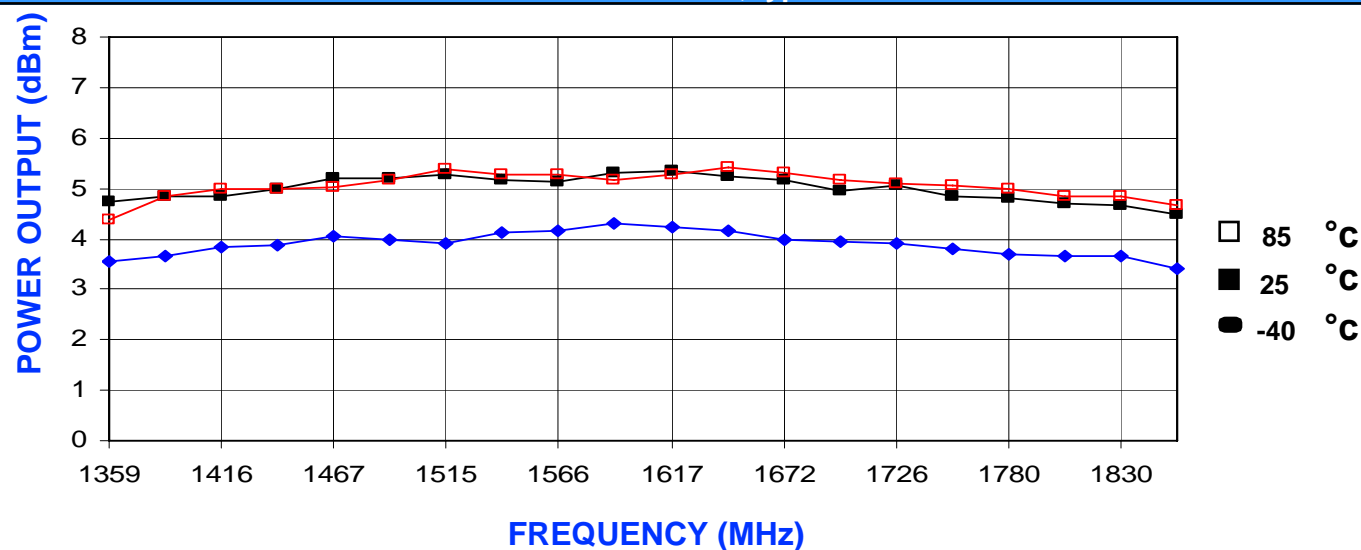
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

#### NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

