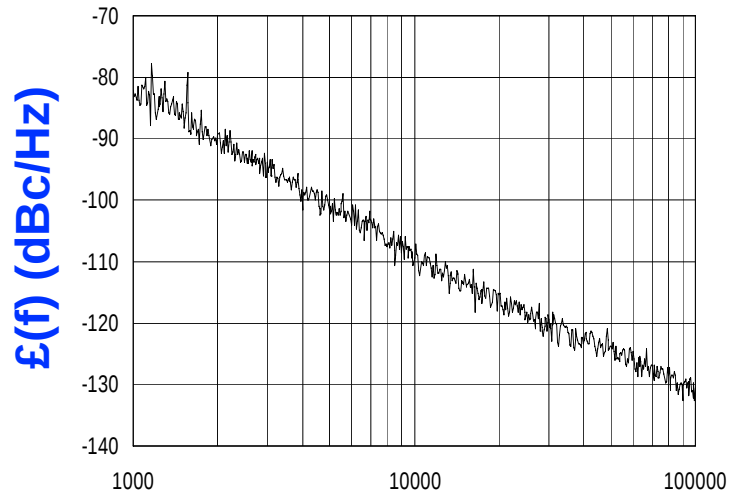




PHASE NOISE (1 Hz BW, typical)



$L(f)$ (dBc/Hz)

OFFSET (Hz)

FEATURES
- Frequency Range: 1020 - 1100 MHz - Tuning Voltage: 1-4 Vdc - MINI-14S-L - Style Package
APPLICATIONS
- Basestations - Portable Radios - Mobile Communications

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1020 - 1100	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-107	dBc/Hz
Harmonic Suppression (2nd, typ.)	-19	dBc
Tuning Voltage	1-4	Vdc
Tuning Sensitivity (avg.)	47	MHz/V
Power Output	11±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<1	MHz/V
Pulling (14dB Return Loss, Any Phase)	<3	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	32	mA

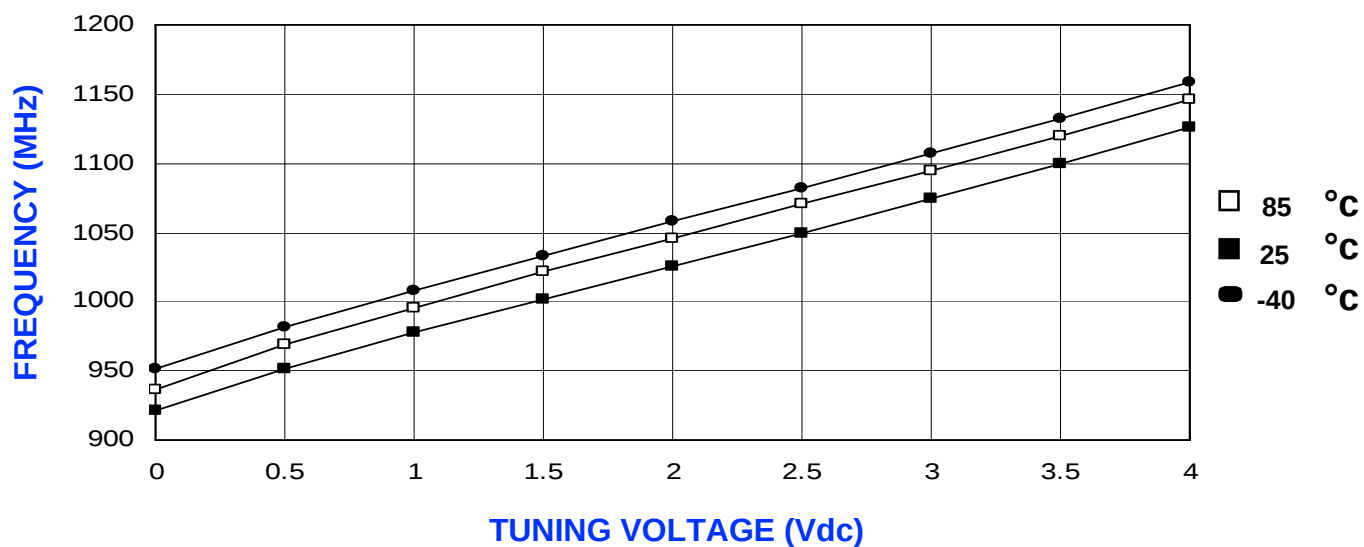
All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

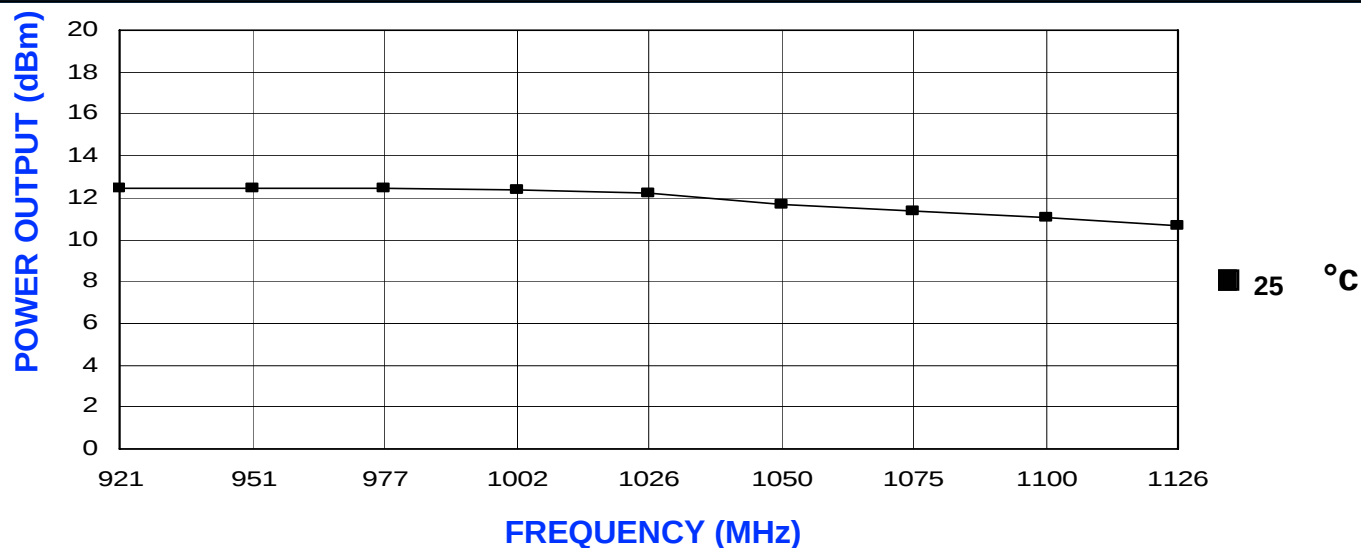
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

