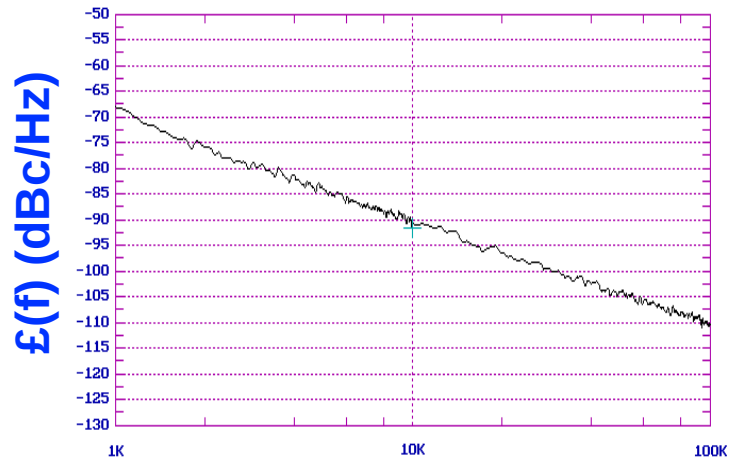




PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES
- Frequency Range: 2305 - 2745 MHz - Tuning Voltage: 0.5-10.5 Vdc - MINI-14H - Style Package
APPLICATIONS
- Direct Broadcast - Satellite Communication Systems - Microwave Links

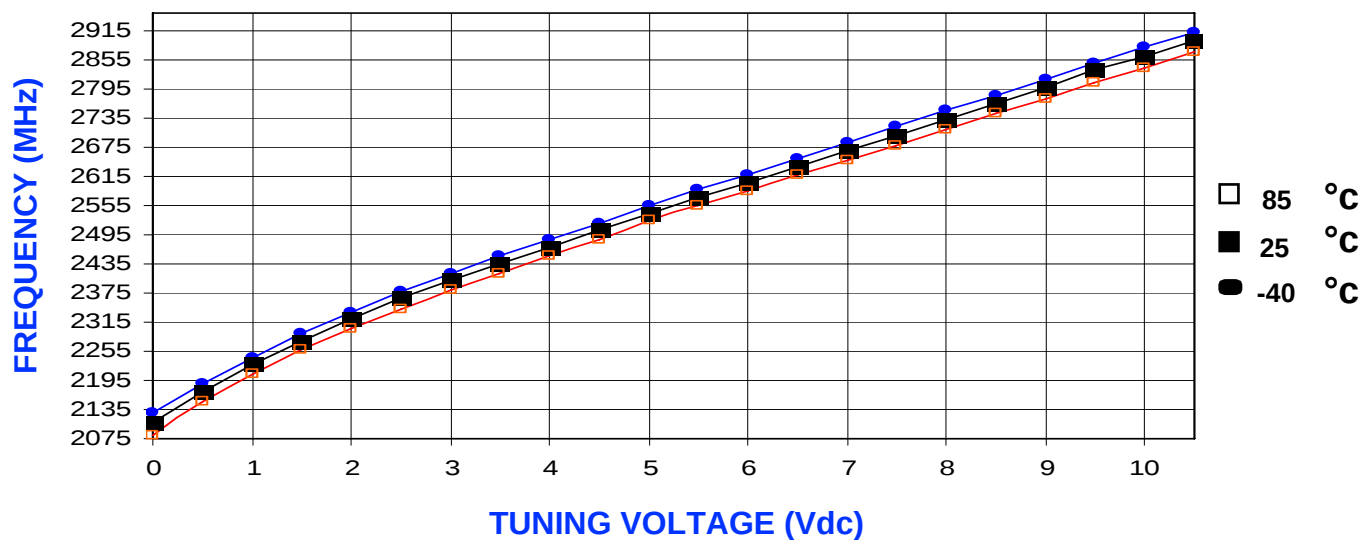
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2305 - 2745	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-92	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-10.5	Vdc
Tuning Sensitivity (avg.)	70	MHz/V
Power Output	1±2	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	20	pF
Pushing	<5	MHz/V
Pulling (14dB Return Loss, Any Phase)	<10	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14H	

POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	14	mA

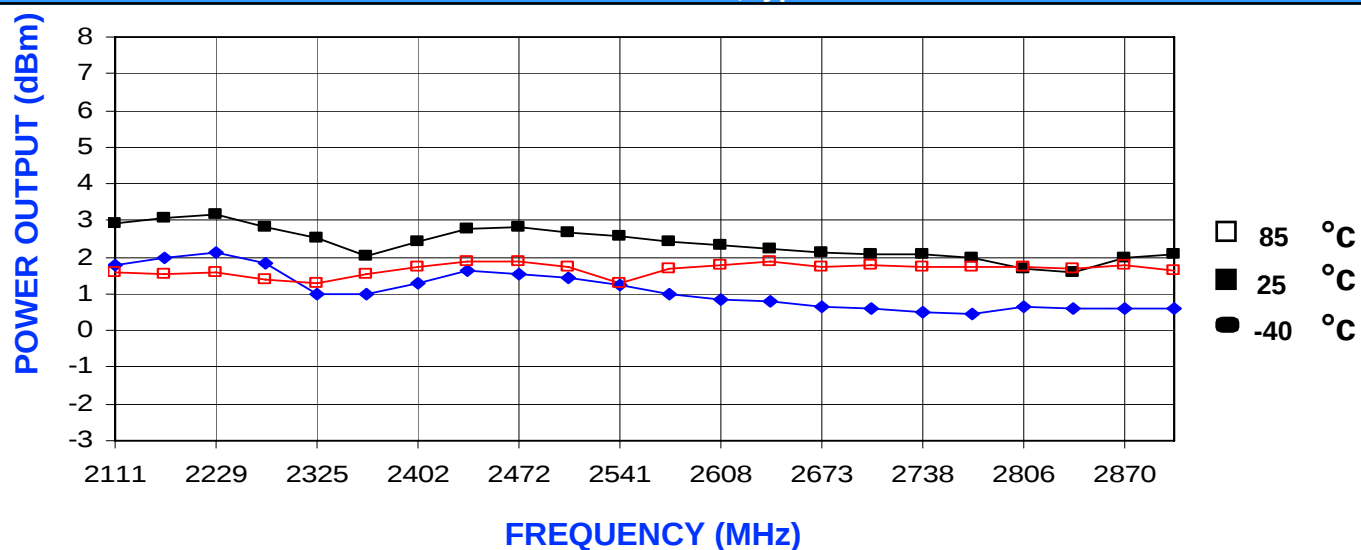
All specifications are typical unless otherwise noted and subject to change without notice.

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

