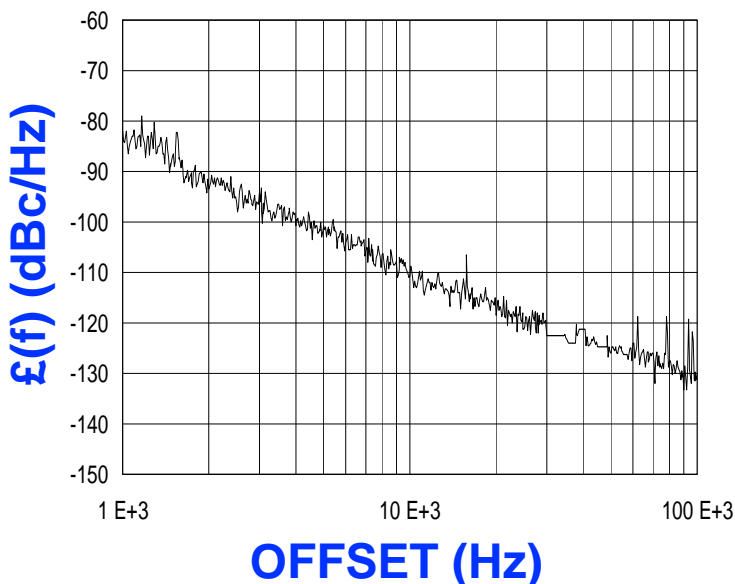


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2850 - 3020 MHz
- Tuning Voltage: 0.5-18 Vdc
- MINI-16 - Style Package

APPLICATIONS

- Satellite Communications
- Fixed Wireless Equipments
-

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	2850 - 3020	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-109	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-18	Vdc
Tuning Sensitivity (avg.)	23	MHz/V
Power Output	0±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	1	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-16	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	8	Vdc
Supply Current (Icc, typ.)	26	mA

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

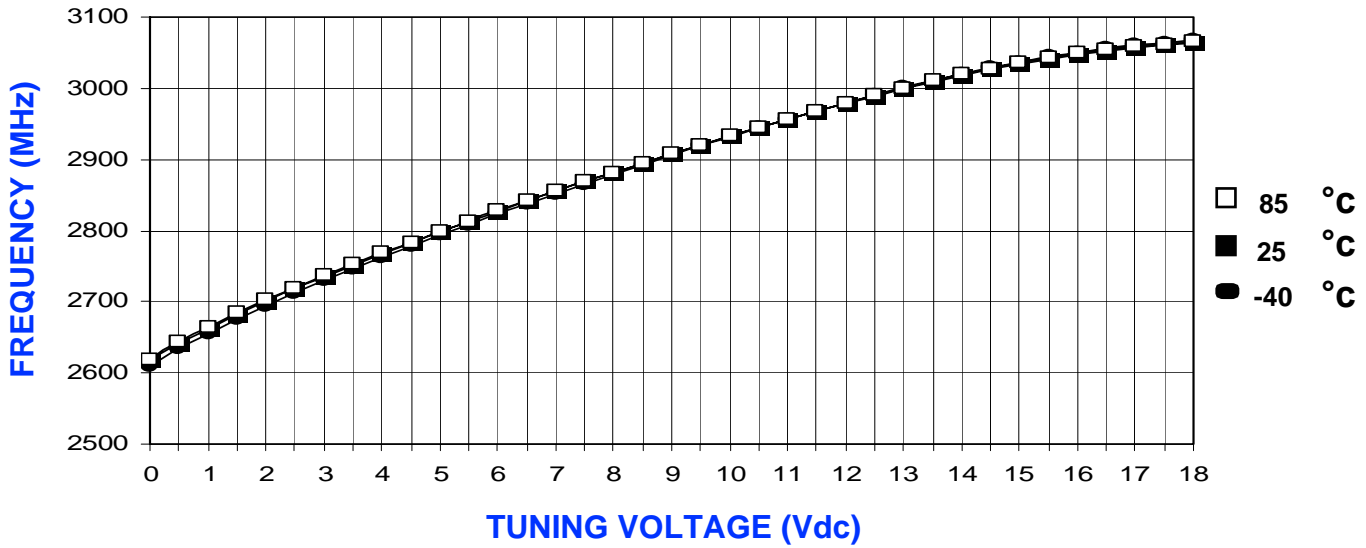
APPLICATION NOTES

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

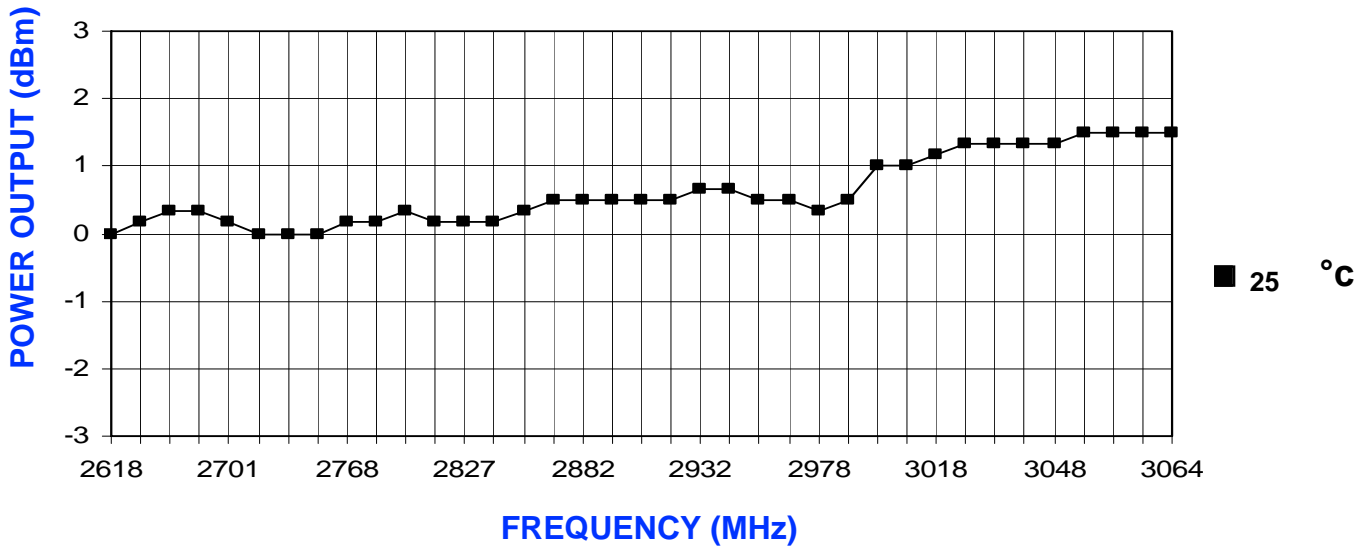
NOTES:

Same as CRO2935A-LF, with regular label to sell to other customers.

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

