



查询V600ME11供应商

Z-Communications, Inc.

9939 Via Pasar • San Diego, CA 92126

TEL (858) 621-2700 FAX (858) 621-2722

捷多邦，专业PCB打样工厂，24小时加急出货

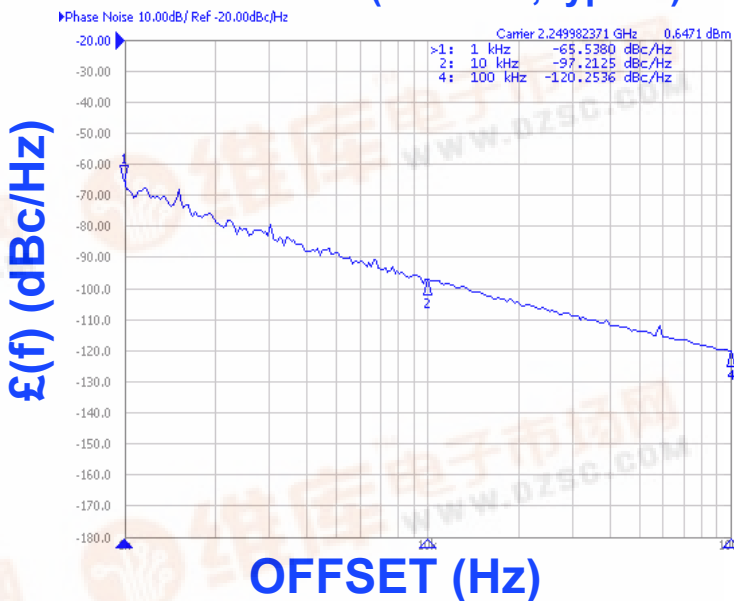
V600ME11

VOLTAGE CONTROLLED OSCILLATOR

Rev A1



PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 1700 - 2800 MHz
- Tuning Voltage: 0.5-15 Vdc
- MINI-16-L - Style Package

APPLICATIONS

- Digital Radios
- Earthstations
- Satellite Modems

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1700 - 2800	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-97	dBc/Hz
Harmonic Suppression (2nd, typ.)	-27	dBc
Tuning Voltage	0.5-15	Vdc
Tuning Sensitivity (avg.)	113	MHz/V
Power Output	9±5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<7	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-16-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	8	Vdc
Supply Current (Icc, typ.)	23	mA

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

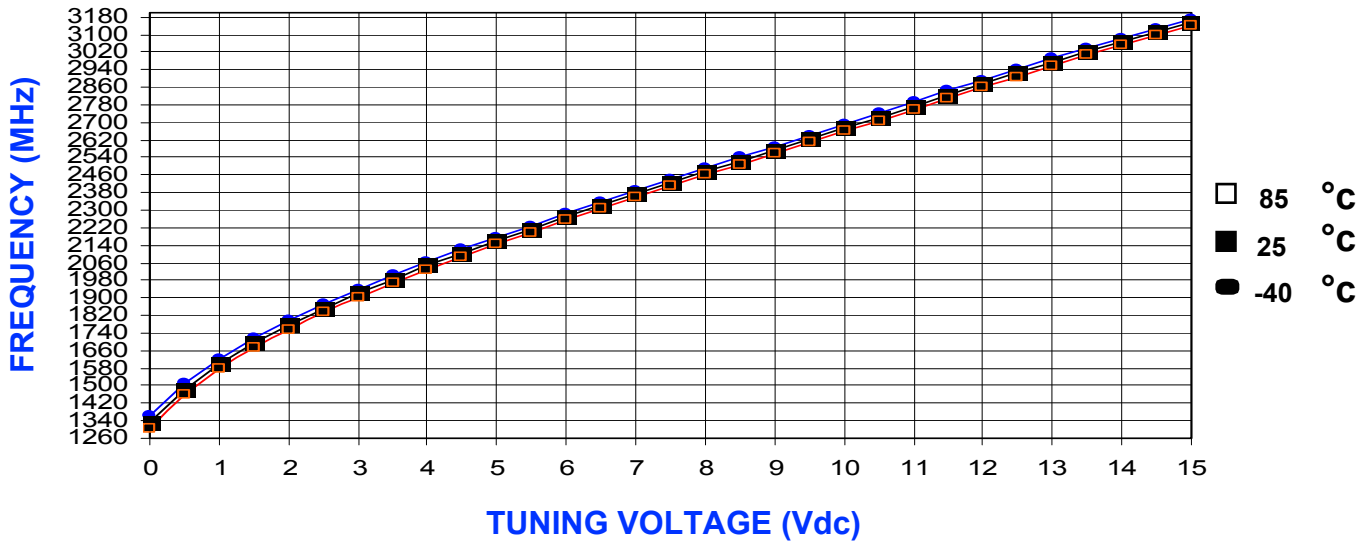
APPLICATION NOTES

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

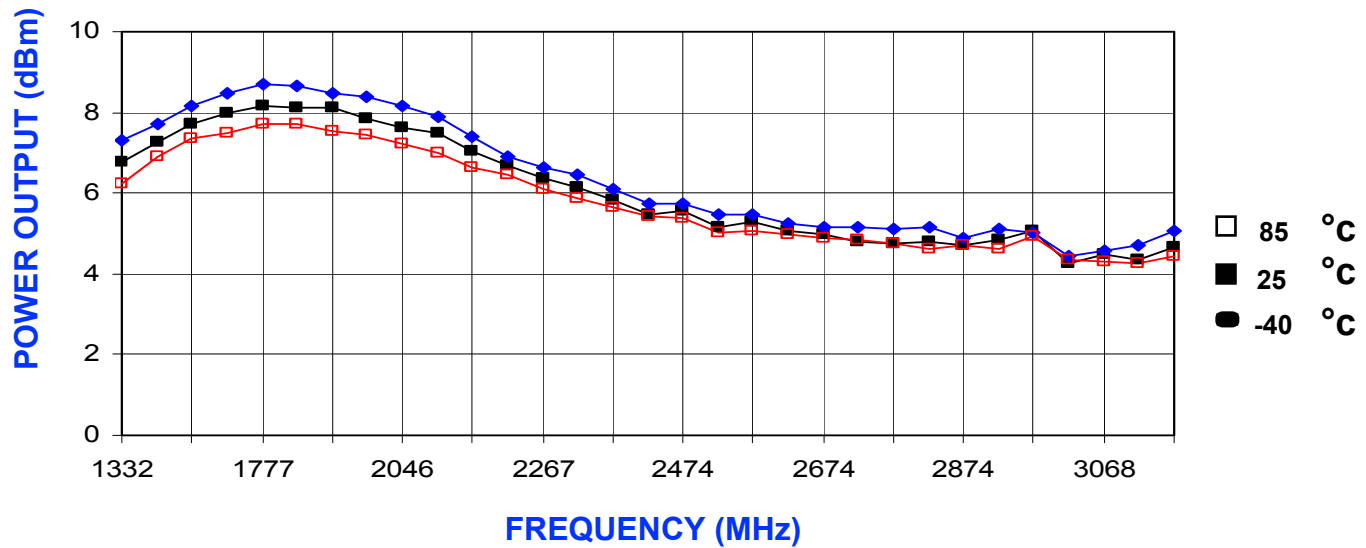
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

