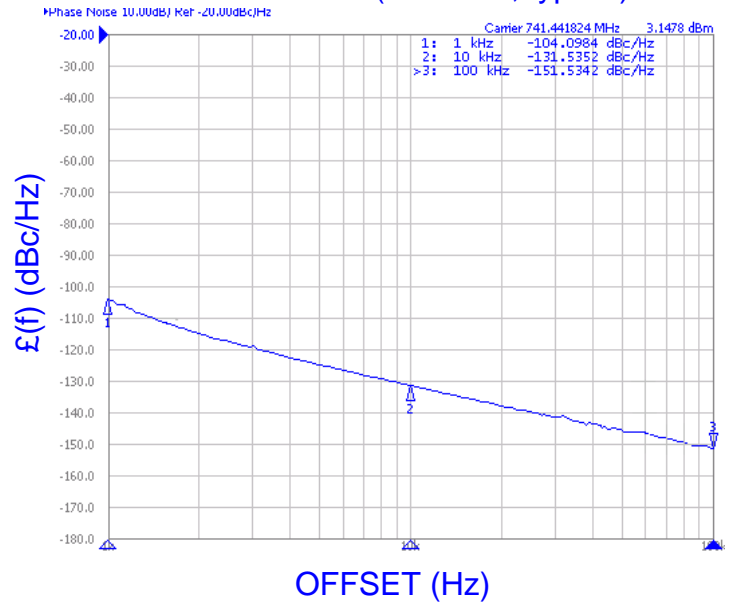




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 738 - 748 MHz
- Tuning Voltage: 0-6 Vdc
- ZMX-14-SM - Style Package

APPLICATIONS

- Digital communication systems
- Downconverters

PERFORMANCE SPECIFICATIONS

	min	typ	max	UNITS
Frequency Range	738		748	MHz
Harmonic Suppression (2nd, typ.)		-20		dBc
Tuning Voltage	0		6	Vdc
Tuning Sensitivity (avg.)		2		MHz/V
Power Output		9±2		dBm
Load Impedance			50	Ω
Input Capacitance (max.)			100	pF
Pushing			<0.06	MHz/V
Pulling (14 dB Return Loss, Any Phase)			<0.25	MHz
Operating Temperature Range		-40 to 85		°C
Package Style		ZMX-14-SM		

POWER SUPPLY REQUIREMENTS

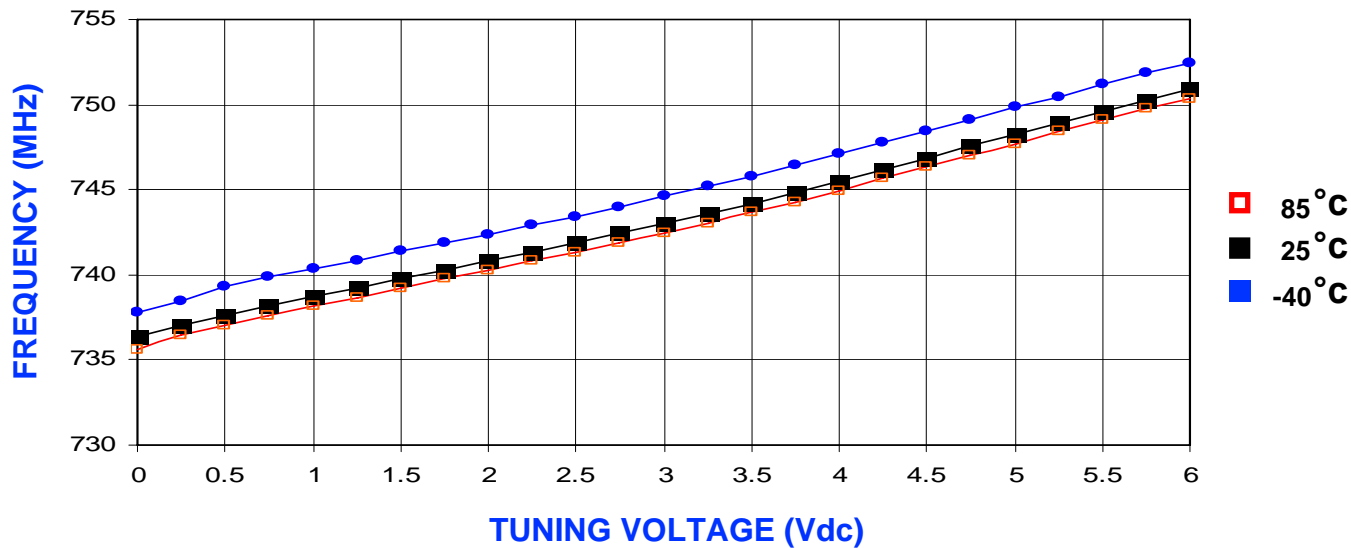
Supply Voltage (Vcc, nom.)	8
Supply Current (Icc)	23

PHASE NOISE

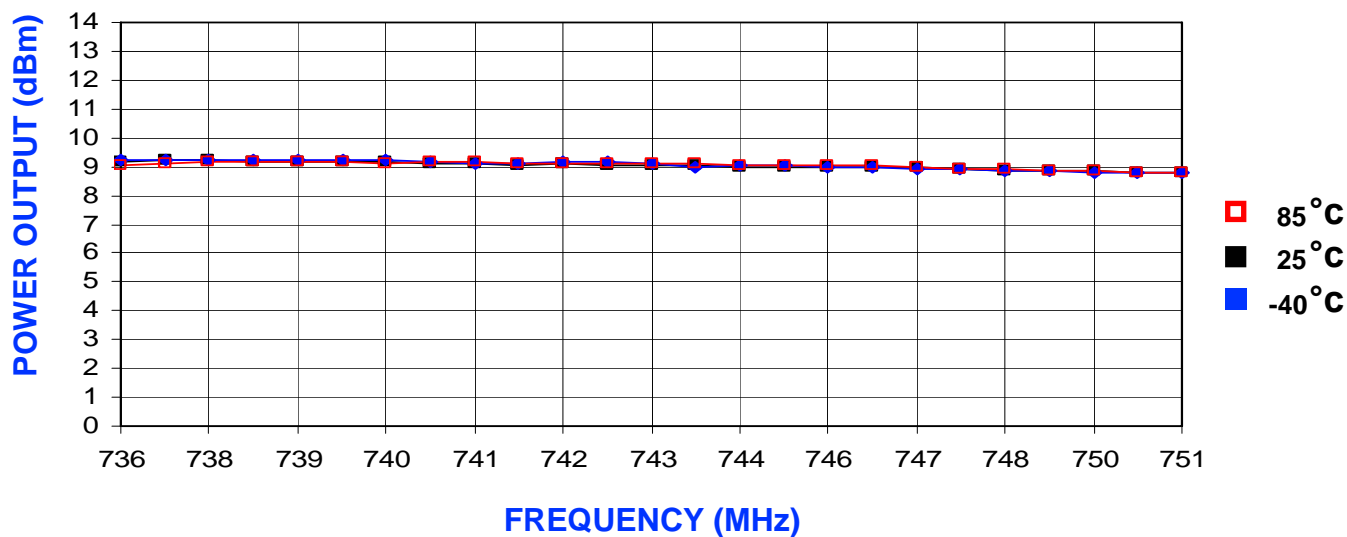
Phase Noise @ 1 kHz offset (1 Hz BW)	-104	dBc/Hz
Phase Noise @ 10 kHz offset (1 Hz BW)	-131	dBc/Hz
Phase Noise @ 100 kHz offset (1 Hz BW)	-151	dBc/Hz

LF Suffix = RoHS compliant. All specifications are subject to change without notice.

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

