

FEATURES
• Frequency Range: 2025 - 2226 MHz
• Step Size: 100 KHz
• PLL-V12C - Style Package
APPLICATIONS
• Satcomm
• Telecommunications
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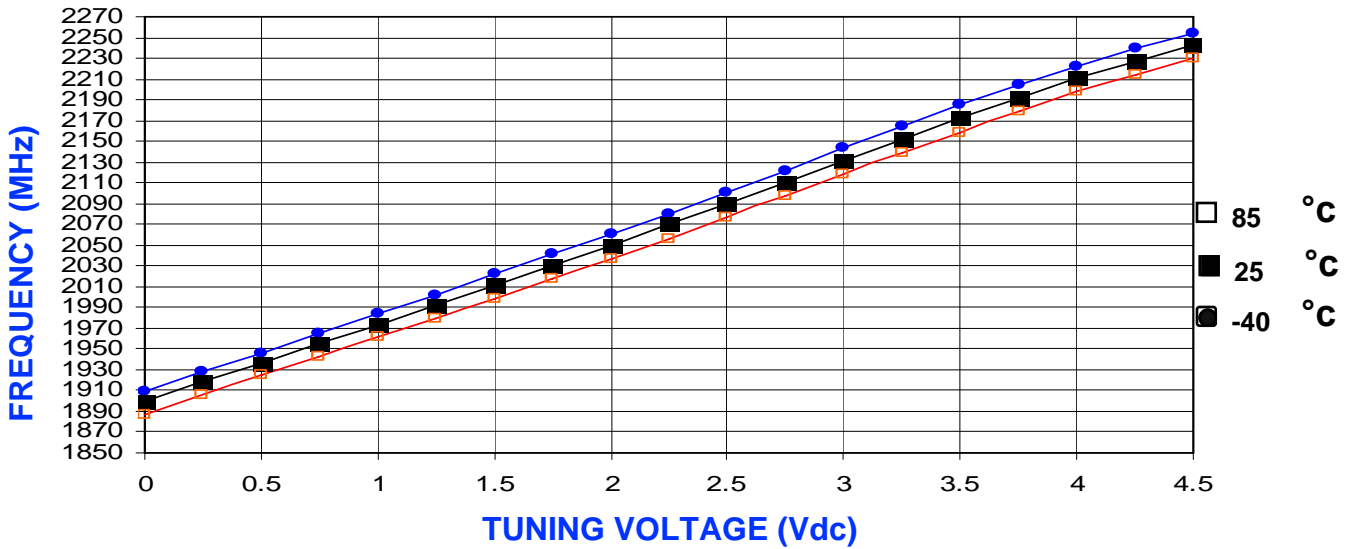
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Frequency Range	2025 - 2226	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-94	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Sideband Spurs (typ.)	-65	dBc
Power Output	0±5	dBm
Load Impedance	50	Ω
Step Size	100	KHz
Charge Pump Output Current	5000	μA
Switching Speed (typ., adjacent channel)	3	mSec
Startup Lock Time (typ.)	3	mSec
Operating Temperature Range	-40 to 85	°C
Package Style	PLL-V12C	
POWER SUPPLY REQUIREMENTS		
Supply Voltage: VCO (Vcc, nom.)	5	Vdc
Supply Current: VCO Icc, typ.)	21	mA
Supply Voltage: PLL (Vcc, nom.)	3	Vdc
Supply Current: PLL (Icc, typ.)	10	mA

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

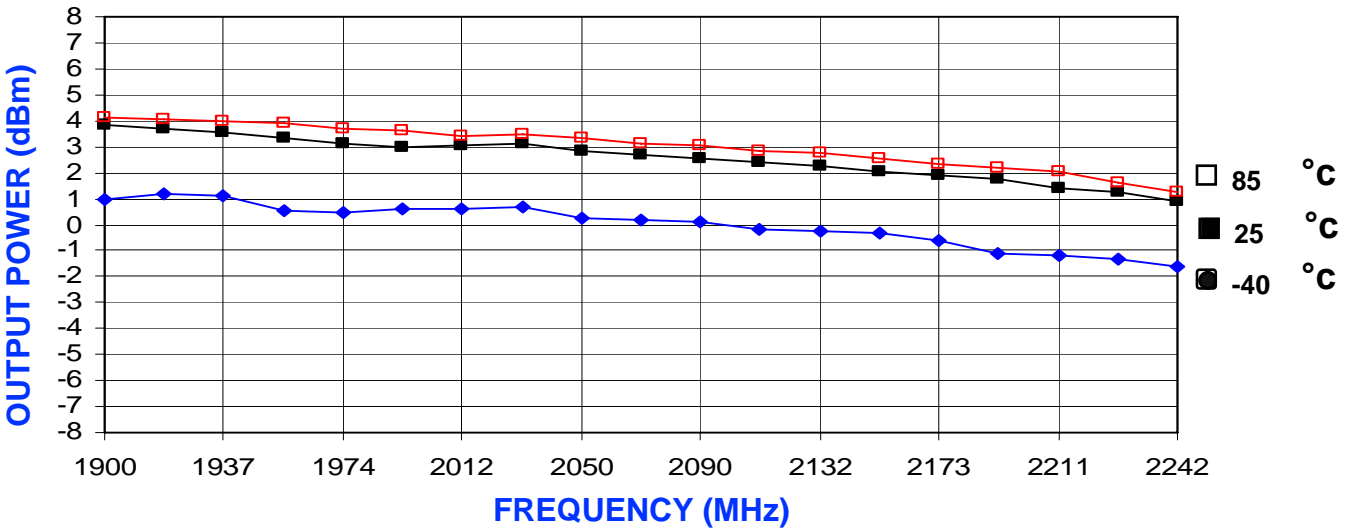
APPLICATION NOTES
• AN-107 : How to Solder Z-COMM VCOs / PLLs
• AN-202 : PLL Functional Description

**NOTES:**  
REF 10MHz.

**VCO TUNING CURVE, typ.**



**VCO POWER CURVE, typ.**



**PHYSICAL DIMENSIONS**

