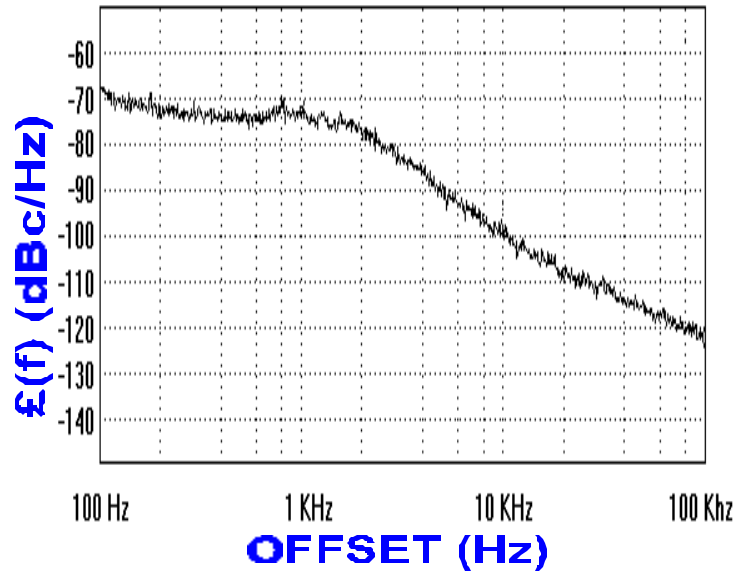


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2715 - 2717 MHz
- Step Size: 1000 KHz
- PLL - Style Package

APPLICATIONS

- Basestations
- Mobile Radios
- Satellite Communications

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Frequency Range	2715 - 2717	MHz
RMS Phase Error (100 Hz - 100 KHz)	1.25	°
Harmonic Suppression (2nd, typ.)	-20	dBc
Sideband Spurs (typ.)	-80	dBc
Power Output	4±2	dBm
Load Impedance	50	Ω
Step Size	1000	KHz
Charge Pump Output Current	LOW	
Switching Speed (typ., adjacent channel)	2	mSec
Startup Lock Time (typ.)	5	mSec
Operating Temperature Range	-40 to +85	°C
Package Style	PLL	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	30	mA

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

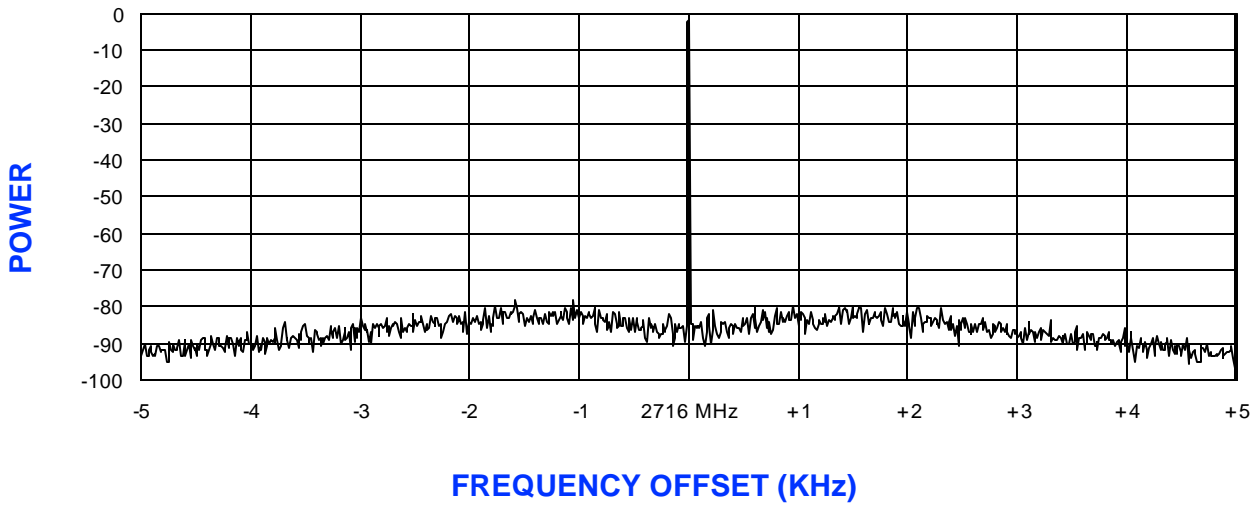
APPLICATION NOTES

- AN-107 : How to Solder Z-COMM VCOs / PLLs
- AN-200 : Mounting and Grounding of Z-COMM PLLs
- AN-201 : PLL Fundamentals AN-202 : PLL Functional Description

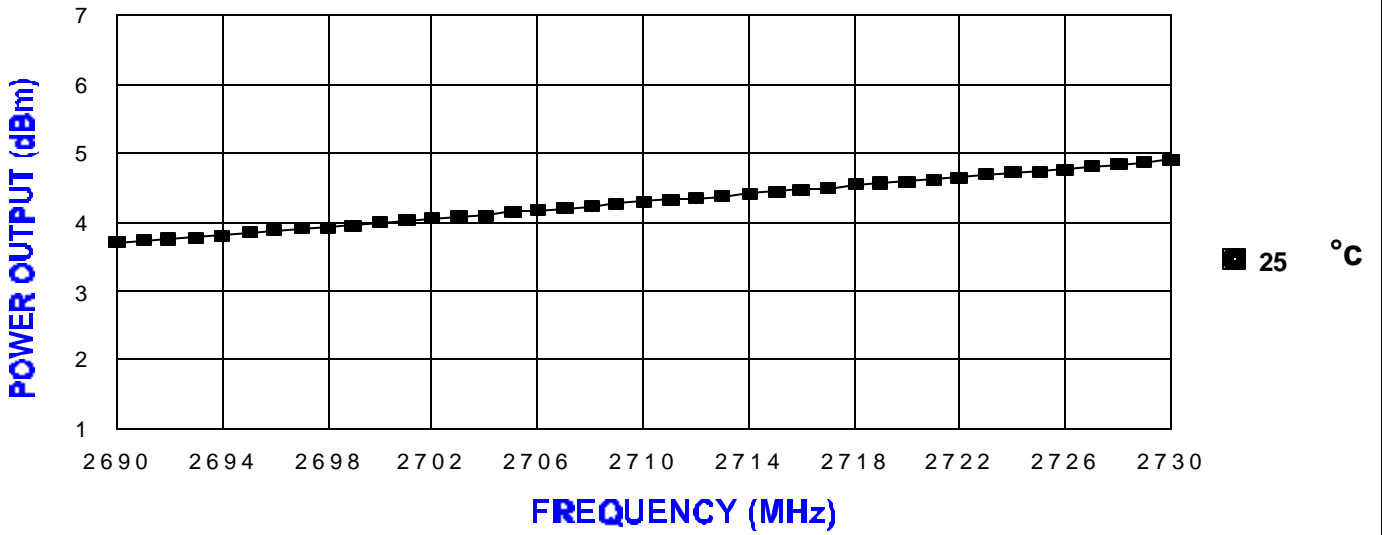
NOTES:

Reference Oscillator Signal: 5 MHz f_{osc} <math><40</math> MHz

PLL OUTPUT SPECTRUM



POWER CURVE, typ.



PHYSICAL DIMENSIONS

