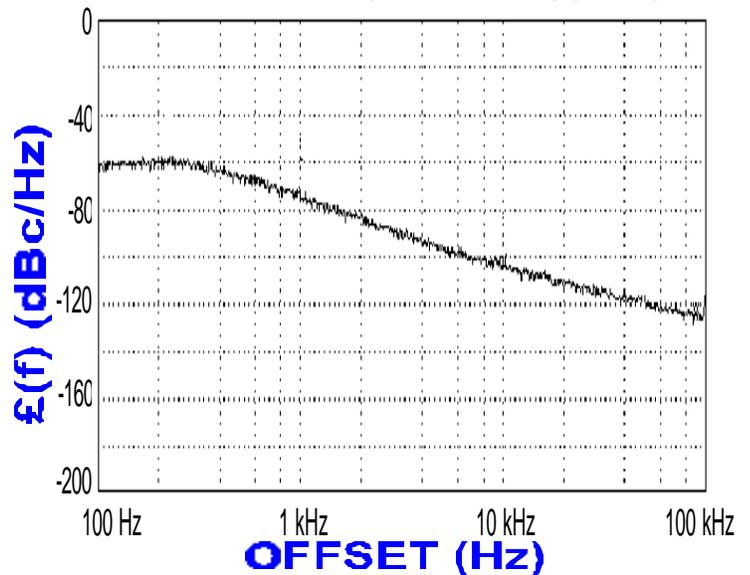


**PHASE NOISE (1 Hz BW, typical)**



**FEATURES**

- Frequency Range: 1690 - 1760MHz
- Step Size: 50 KHz
- PLL - Style Package

**APPLICATIONS**

- Telecommunications
- Satellite
- Telemetry

**PERFORMANCE SPECIFICATIONS**

**VALUE**

**UNITS**

Frequency Range	1690 - 1760	MHz
RMS Phase Error (100 Hz - 100 KHz)	2.5	°
Harmonic Suppression (2nd, typ.)	-15	dBc
Sideband Spurs (typ.)	-70	dBc
Power Output	3.5±2.5	dBm
Load Impedance	50	Ω
Step Size	50	KHz
Charge Pump Output Current	HIGH	
Switching Speed (typ., adjacent channel)	4	mSec
Startup Lock Time (typ.)	6	mSec
Operating Temperature Range	-40 to +85	°C
Package Style	PLL	
<b>POWER SUPPLY REQUIREMENTS</b>		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	33	mA

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

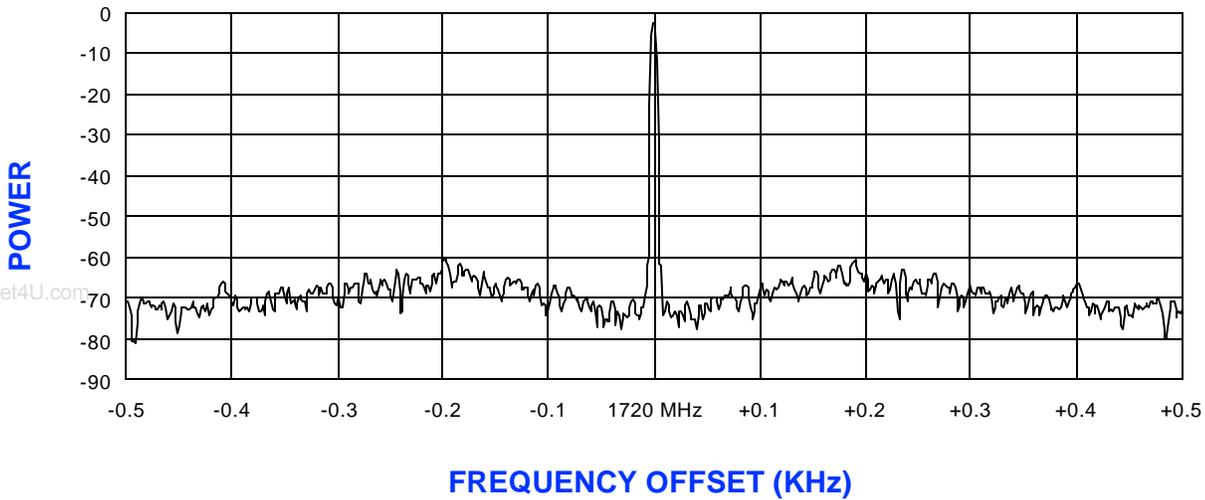
**APPLICATION NOTES**

- 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

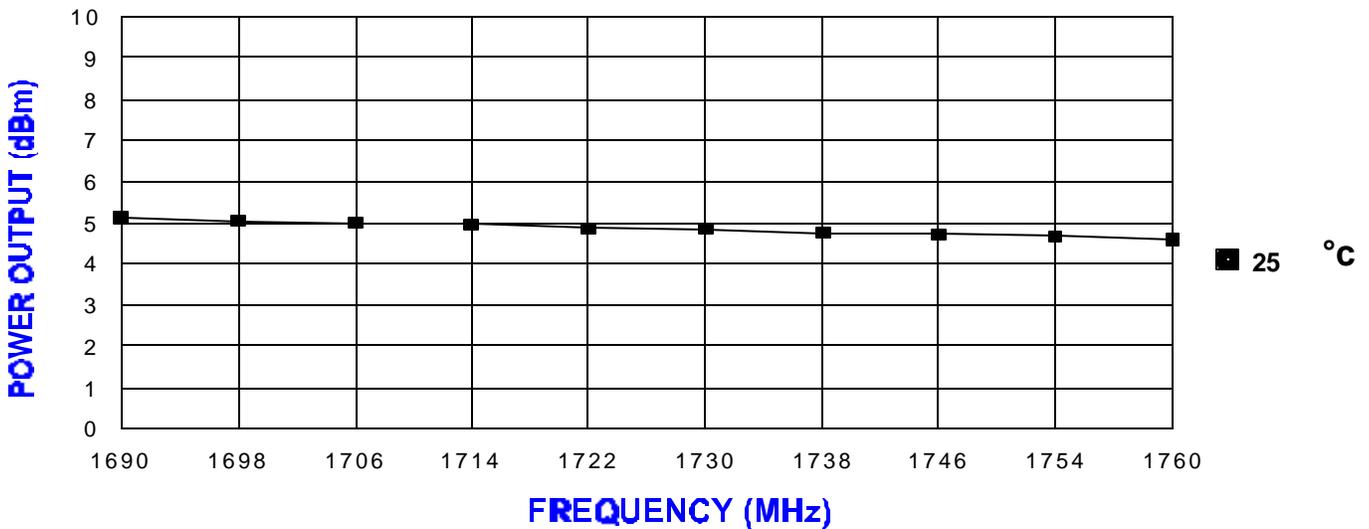
**NOTES:**

Reference Oscillator Signal: 5 MHz <math>f\_{osc}</math> <math><40</math> MHz

**PLL OUTPUT SPECTRUM**



**POWER CURVE, typ.**



**PHYSICAL DIMENSIONS**

