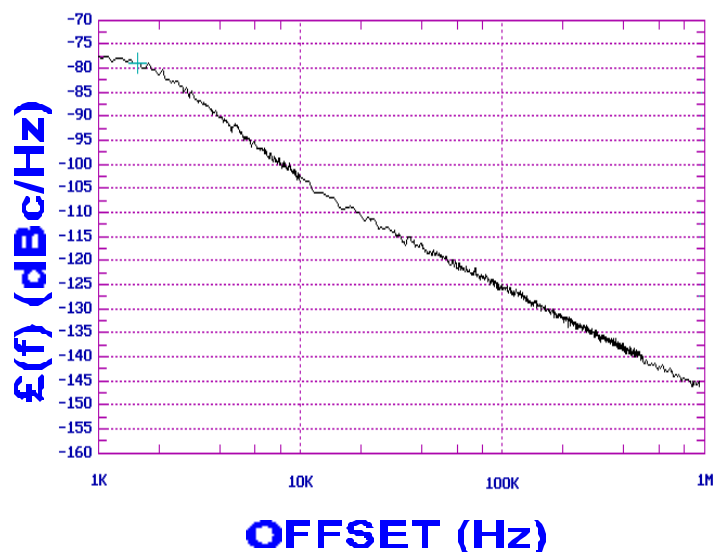




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 1420 - 1490 MHz
- Step Size: 1000 KHz
- PLL - Style Package

APPLICATIONS

- Telecommunications
- Satellite
- Telemetry

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

Frequency Range	1420 - 1490	MHz
RMS Phase Error (100 Hz - 100 KHz)	0.75	°
Harmonic Suppression (2nd, typ.)	-20	dBc
Sideband Spurs (typ.)	-65	dBc
Power Output	1±2	dBm
Load Impedance	50	Ω
Step Size	1000	KHz
Charge Pump Output Current	LOW	
Switching Speed (typ., adjacent channel)	1	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.)	40	mA

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

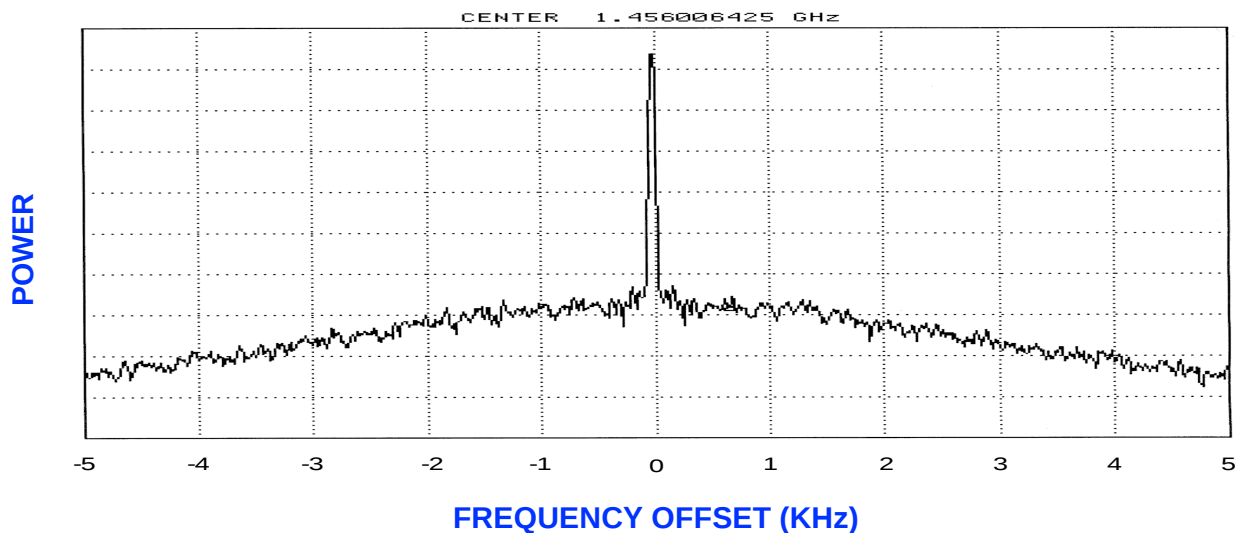
APPLICATION NOTES

- AN-107 : How to Solder Z-COMM VCOs / PLLs
- AN-115 : Mounting and Grounding of Z-COMM PLLs
- AN-116 : How to Program Z-COMM PLLs

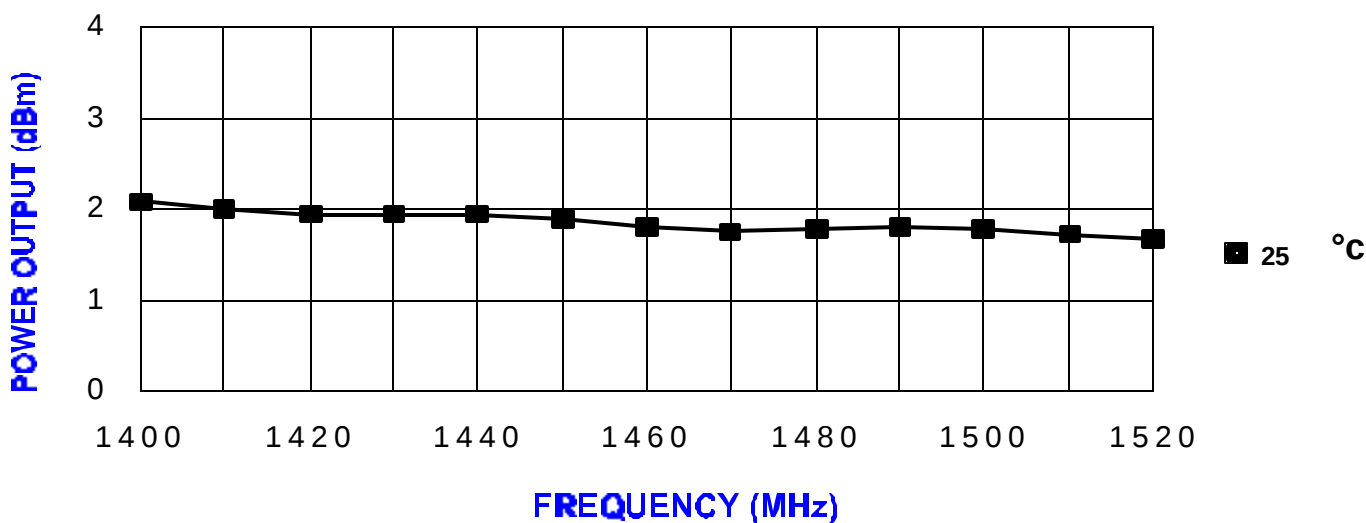
NOTES:

Reference Oscillator Signal: $5 \text{ MHz} < f_{\text{osc}} < 40 \text{ MHz}$

PLL OUTPUT SPECTRUM



POWER CURVE, typ.



PHYSICAL DIMENSIONS

