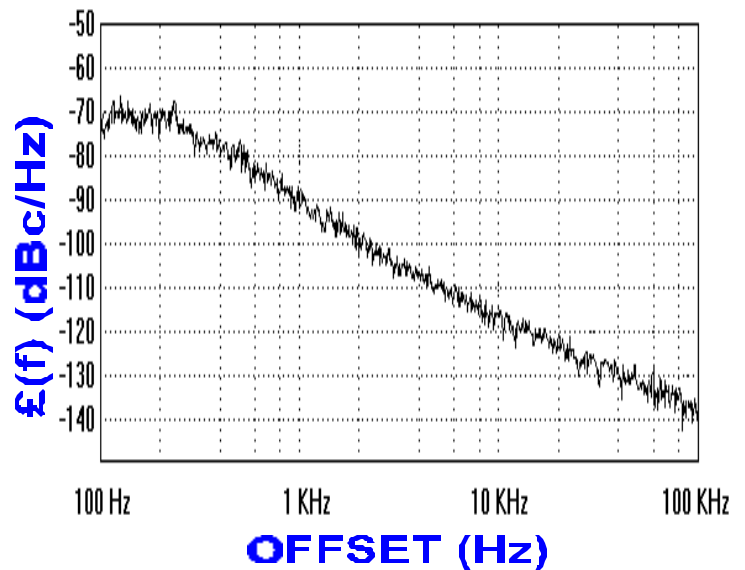


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 1055 - 1105MHz
- Step Size: 30 KHz
- PLL - Style Package

APPLICATIONS

- Basestations
- Mobile Radios
- Satellite Communications

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

| PERFORMANCE SPECIFICATIONS | VALUE | UNITS |
|--|-------------|-------|
| Frequency Range | 1055 - 1105 | MHz |
| RMS Phase Error (100 Hz - 100 KHz) | 2.5 | ° |
| Harmonic Suppression (2nd, typ.) | -12 | dBc |
| Sideband Spurs (typ.) | -70 | dBc |
| Power Output | 0±3 | dBm |
| Load Impedance | 50 | Ω |
| Step Size | 30 | KHz |
| Charge Pump Output Current | HIGH | |
| Switching Speed (typ., adjacent channel) | 15 | mSec |
| Startup Lock Time (typ.) | 20 | mSec |
| Operating Temperature Range | -40 to +85 | °C |
| Package Style | PLL | |
| POWER SUPPLY REQUIREMENTS | | |
| Supply Voltage (Vcc, nom.) | 5 | Vdc |
| Supply Current (Icc, typ.) | 18 | mA |

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

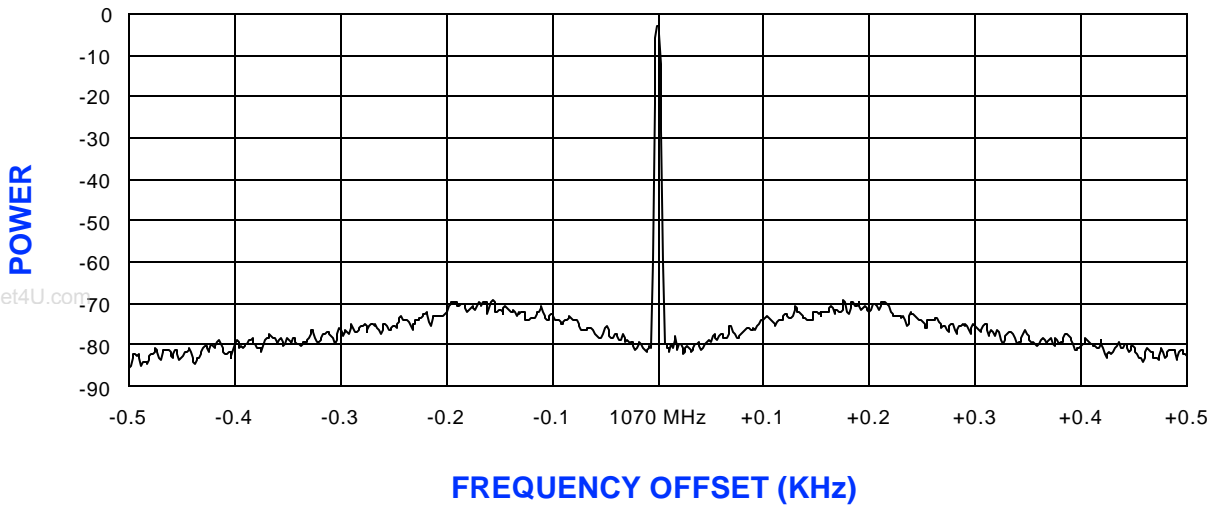
APPLICATION NOTES

- 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

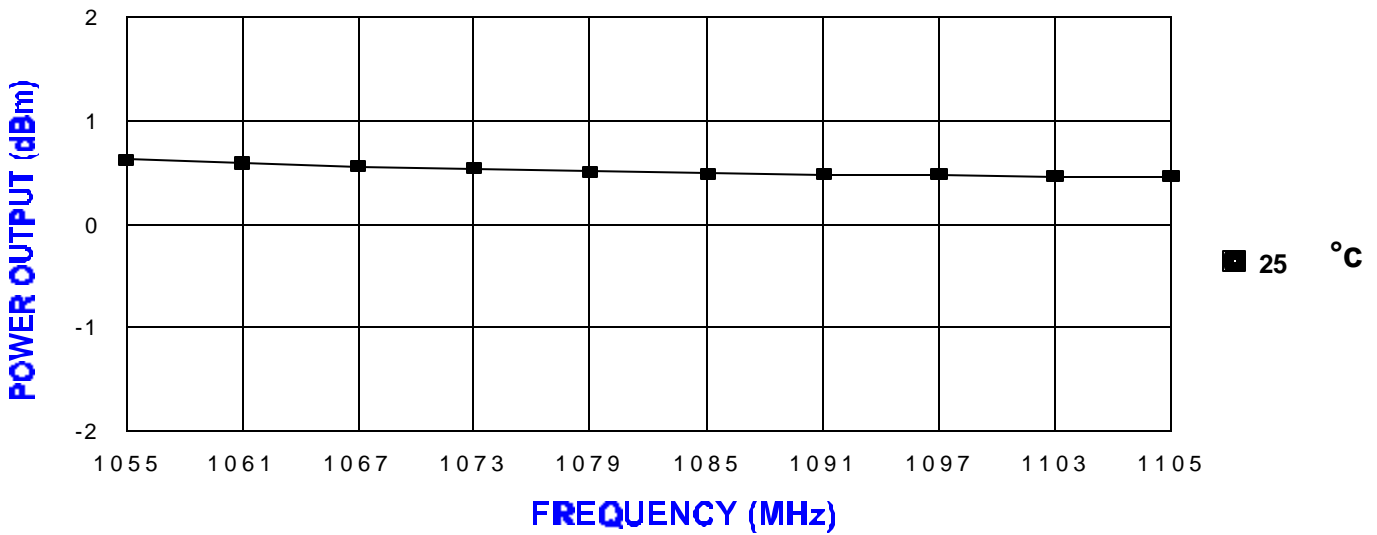
NOTES:

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

PLL OUTPUT SPECTRUM



POWER CURVE, typ.



PHYSICAL DIMENSIONS

