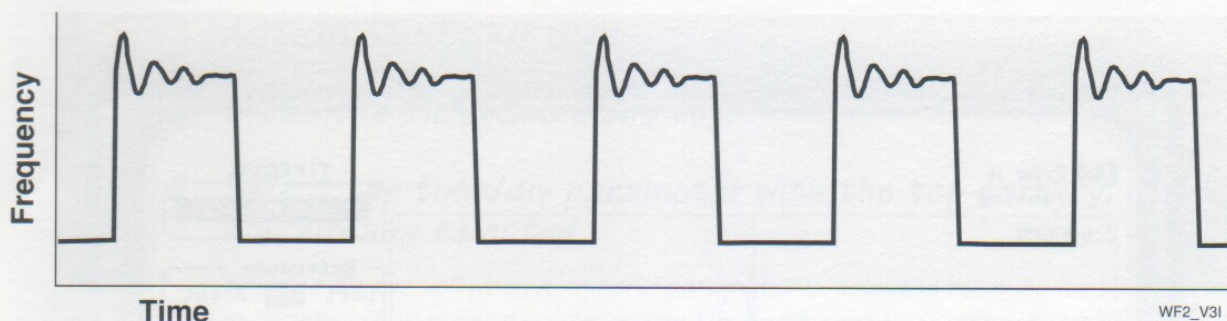


VCO STEP RESPONSE



Background

Voltage-controlled oscillators play a central role in many electronic systems. VCOs are found in such applications as radios, phase-locked loops, signal generators, and disk drives. Designers of VCOs are interested in the following parameters:

- Step response
- Settling time
- Frequency overshoot
- Tuning linearity
- Post-tuning drift

VCO Step Response Start-up

1. Set the Signal Source to **On** and select **VCO Step Response**.
2. Press the **Preset** key.
3. Press the **Autoscale** key.

Turn the page to see how to analyze this signal.