

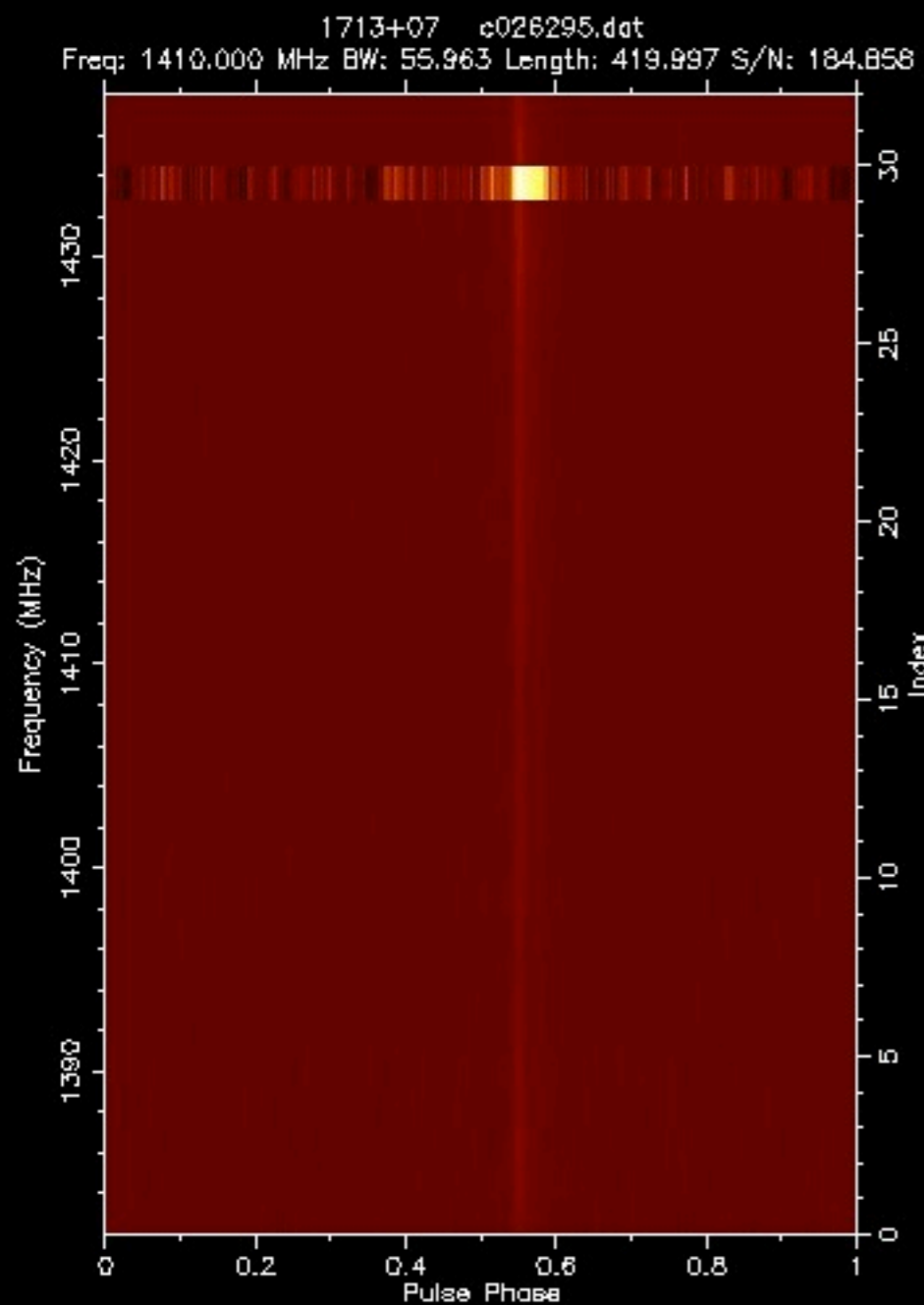
# **Pulsar Timing in practice**

**Joris Verbiest  
Kosmas Lazaridis**

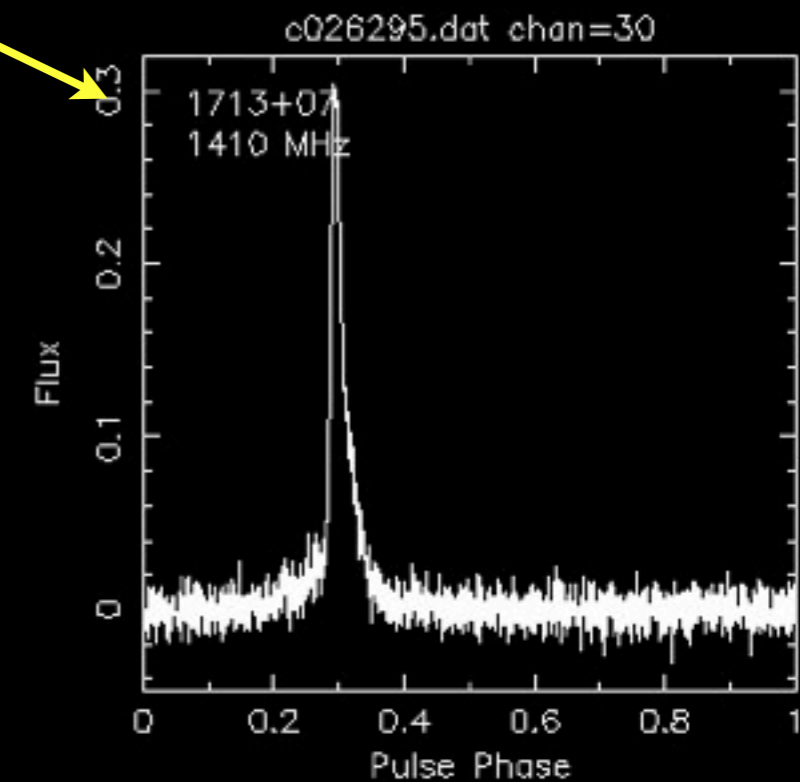
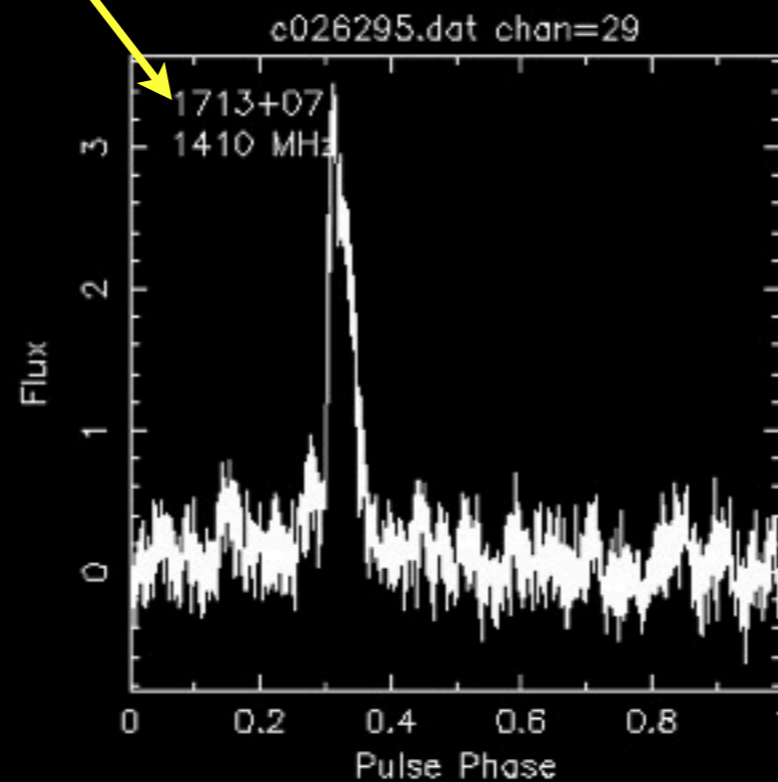
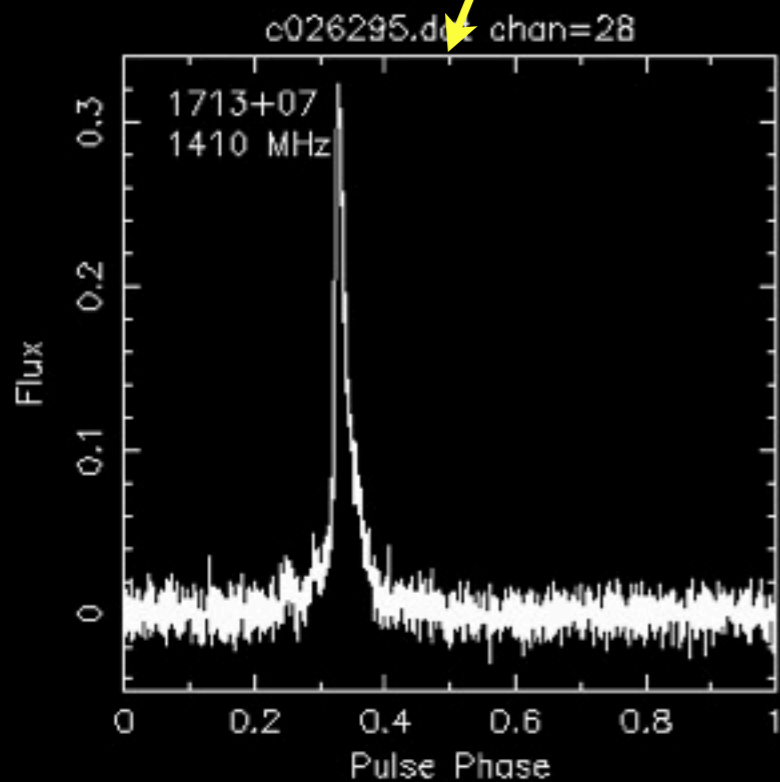
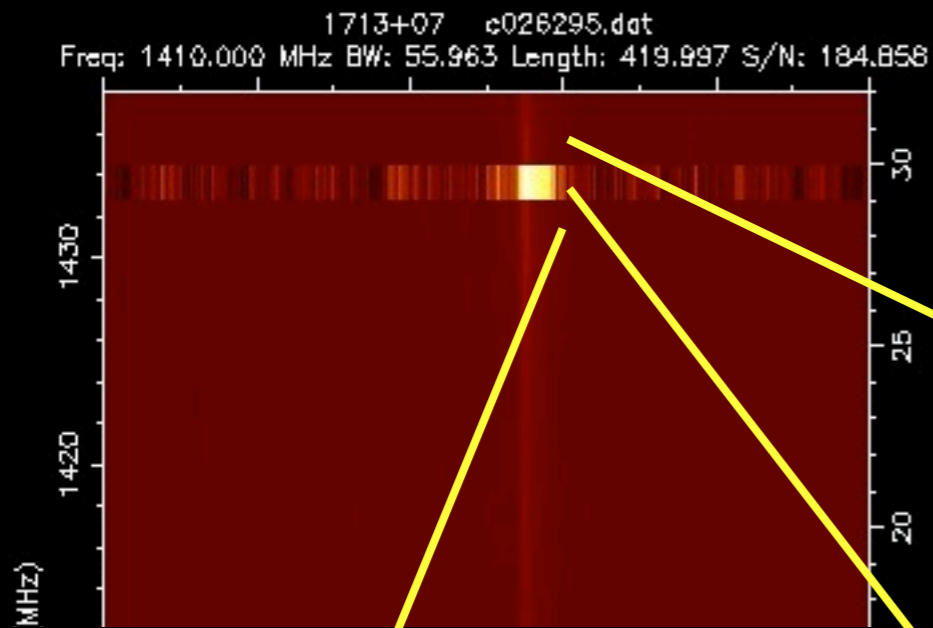
# Steps to Take

- **Data analysis**
  - **Inspect Data; Remove RFI**
  - **Create Template Profile**
  - **Create TOAs**
  
- **Timing analysis**
  - **Improve Timing Model Parameters**
  - **Expand Timing Model**
  - **Simulate and Plan Future Observations**

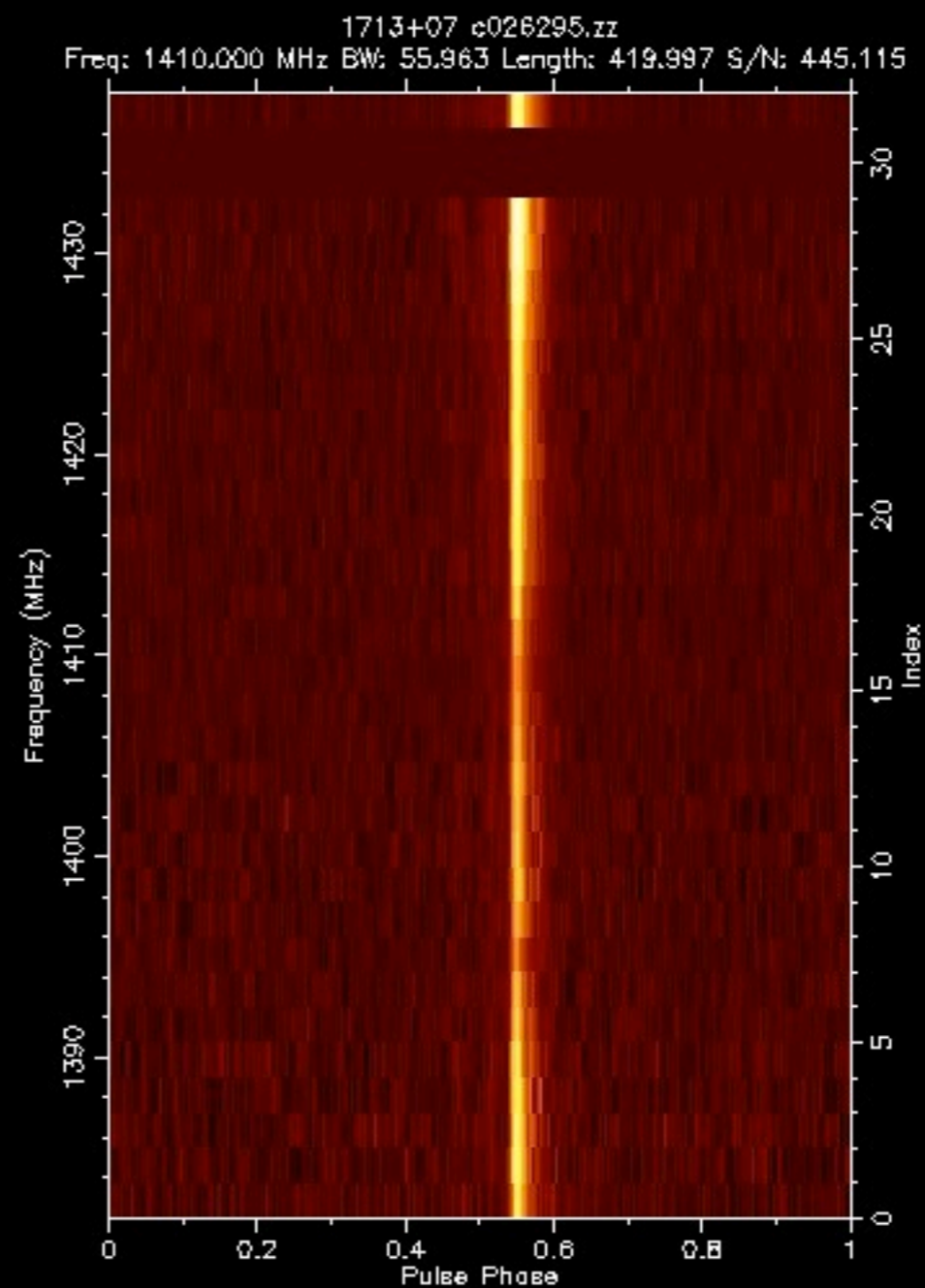
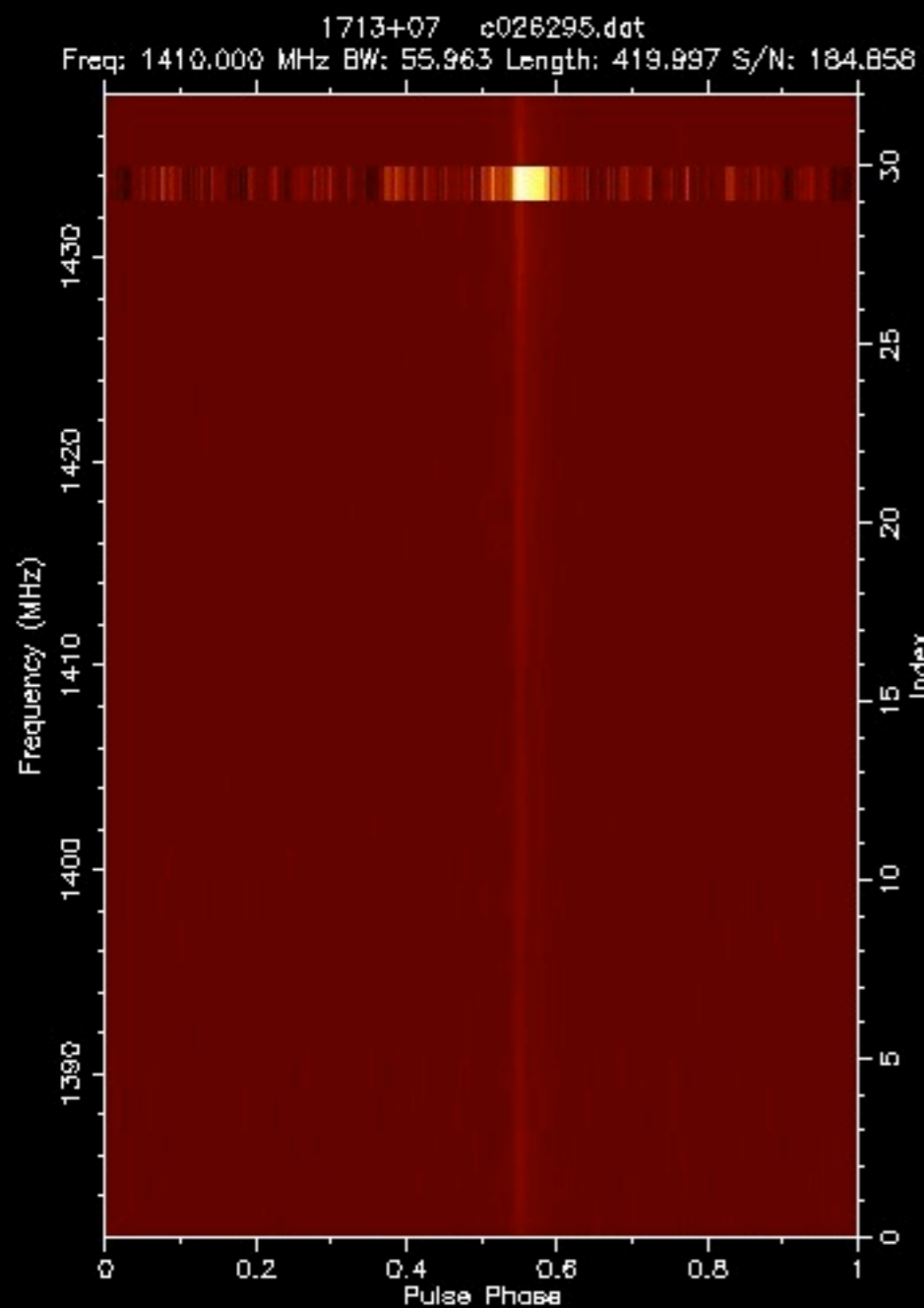
# Data Inspection & RFI Removal



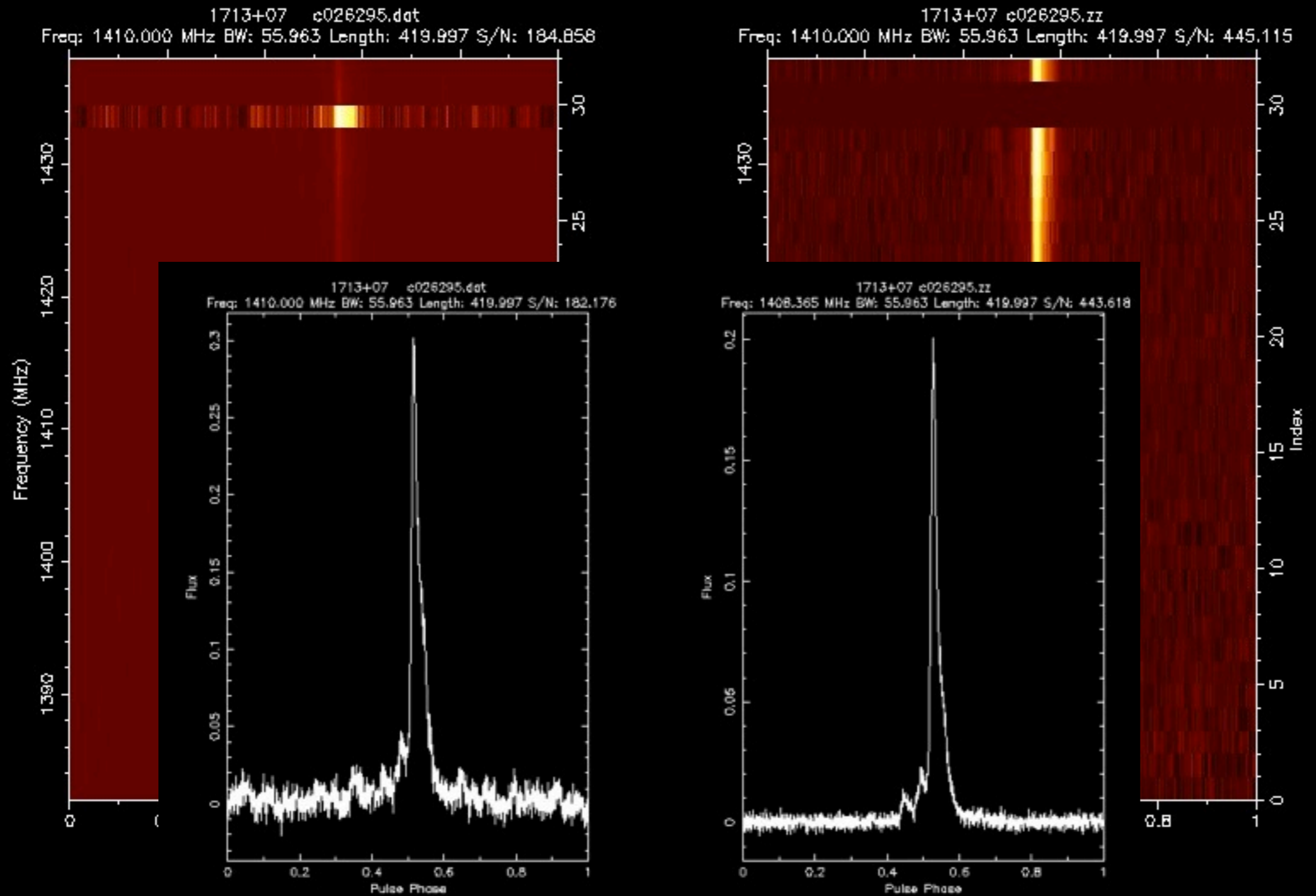
# Data Inspection & RFI Removal



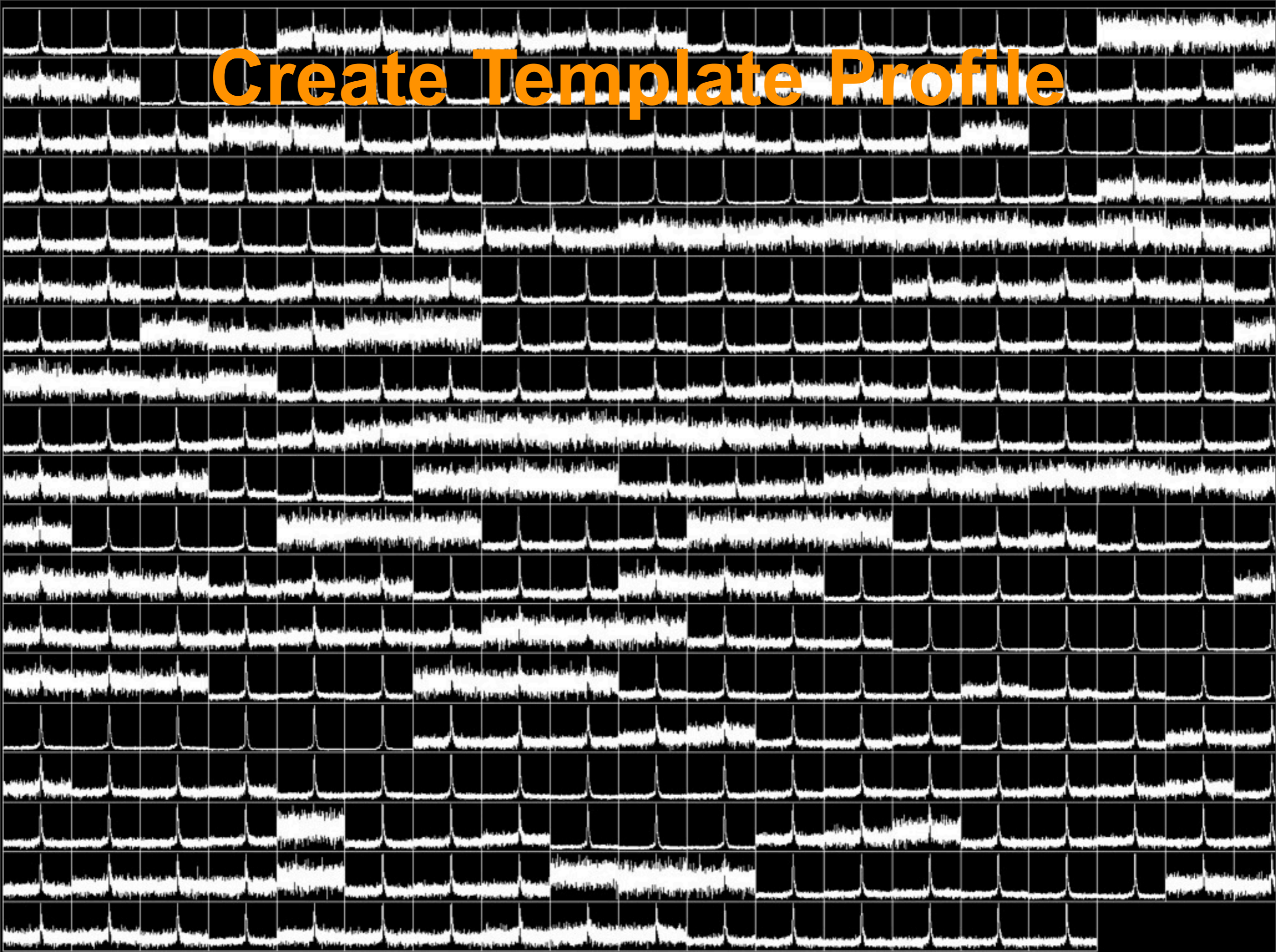
# Data Inspection & RFI Removal



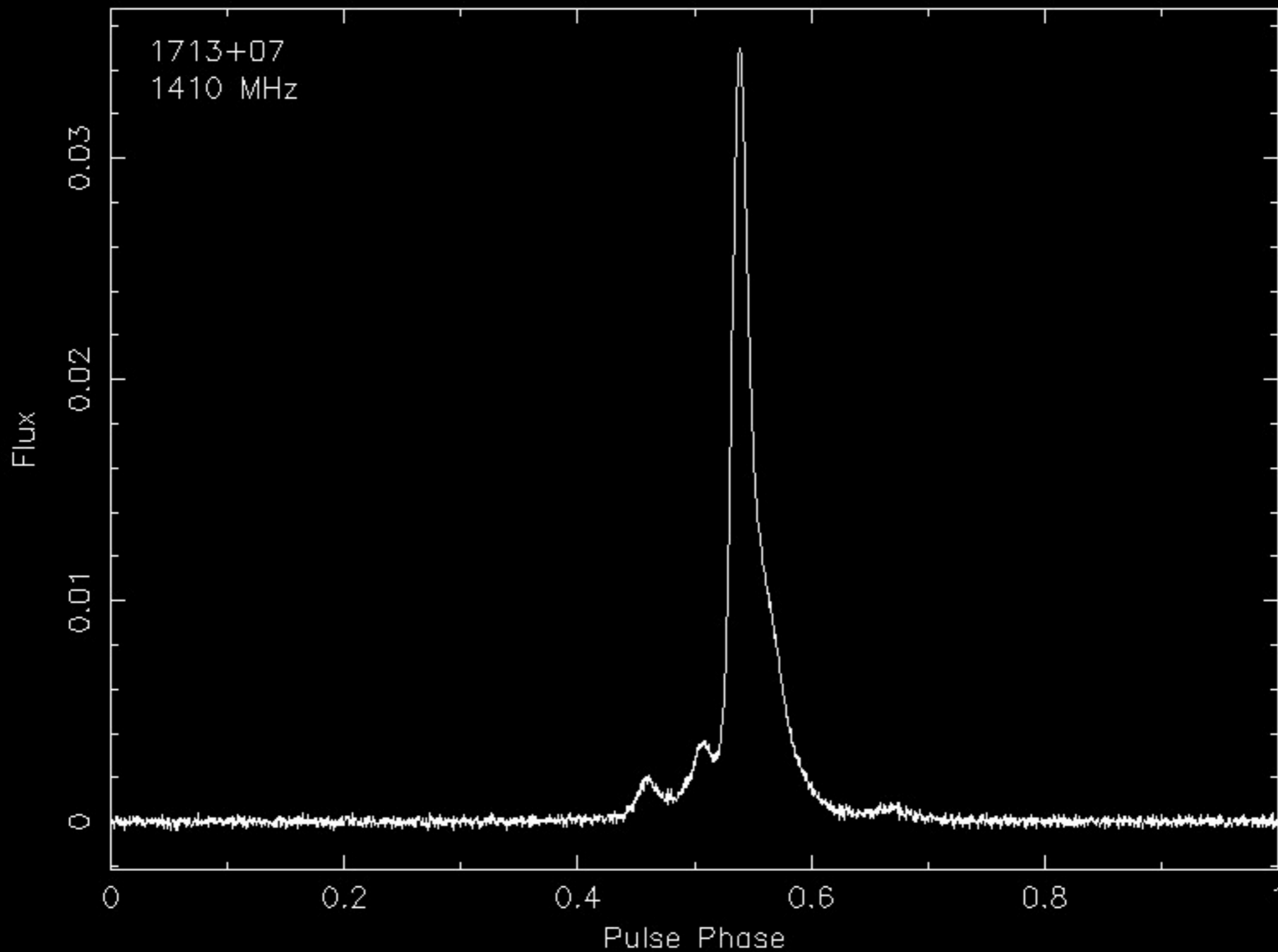
# Data Inspection & RFI Removal



# Create Template Profile

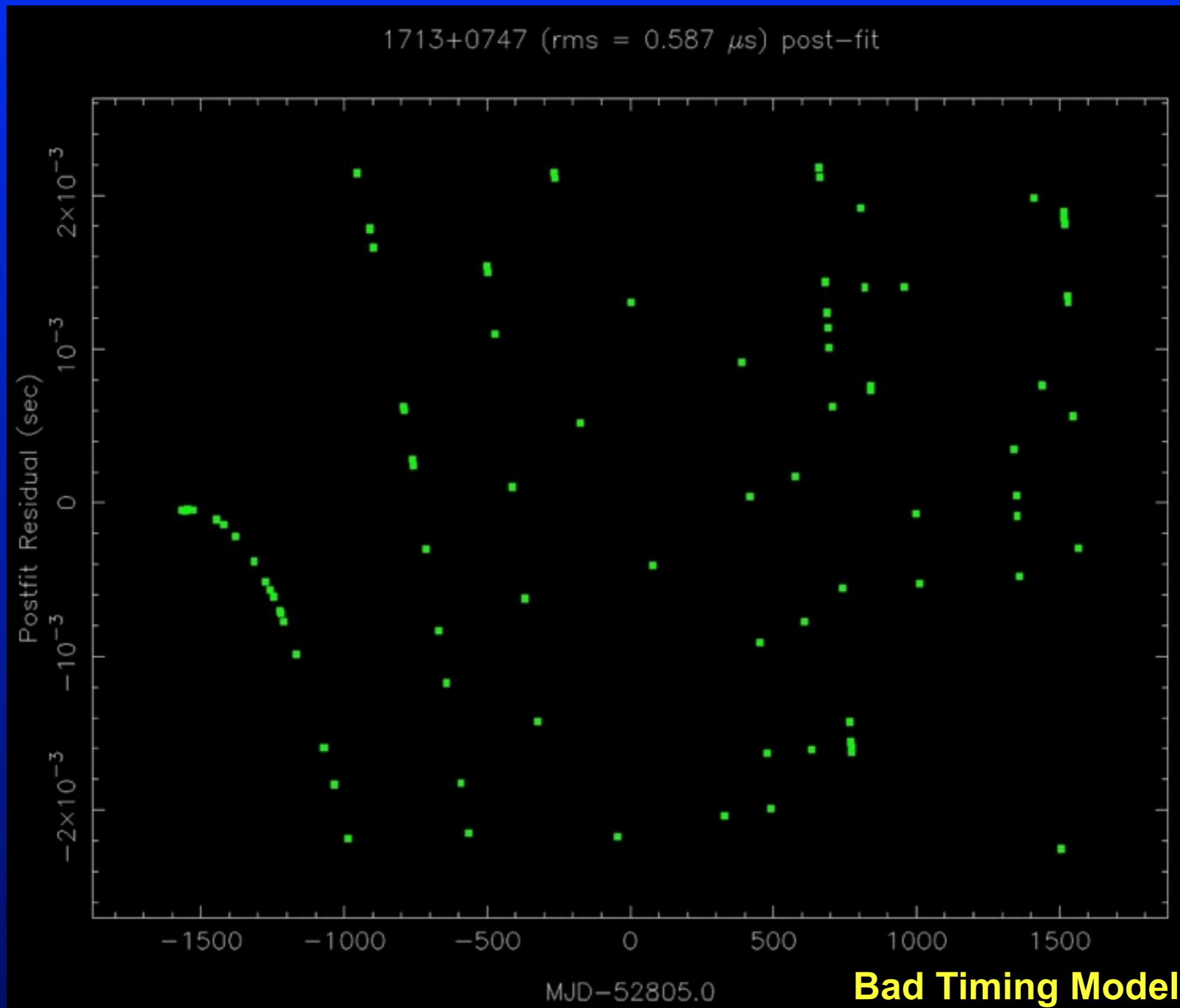


# Create Template Profile

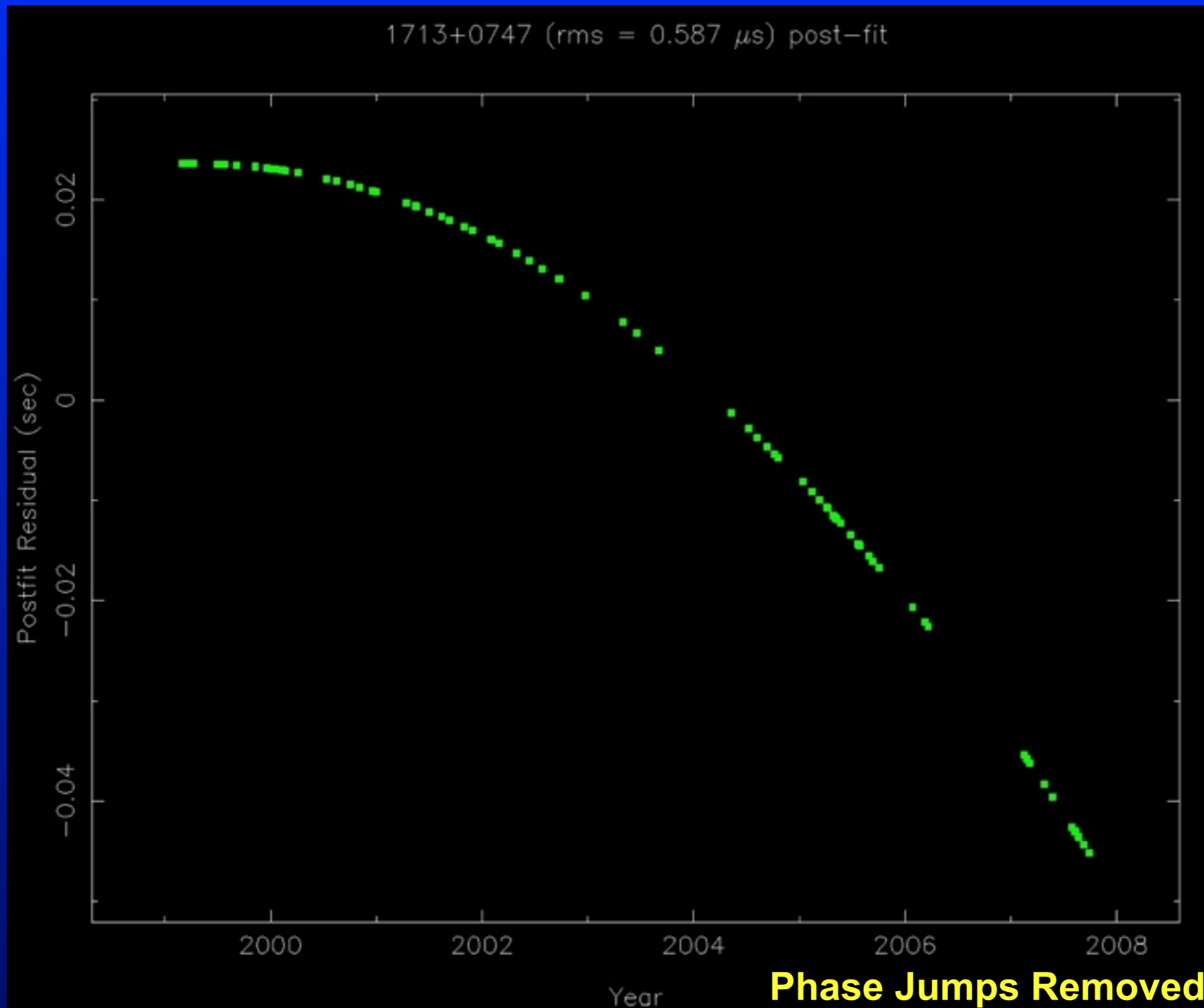




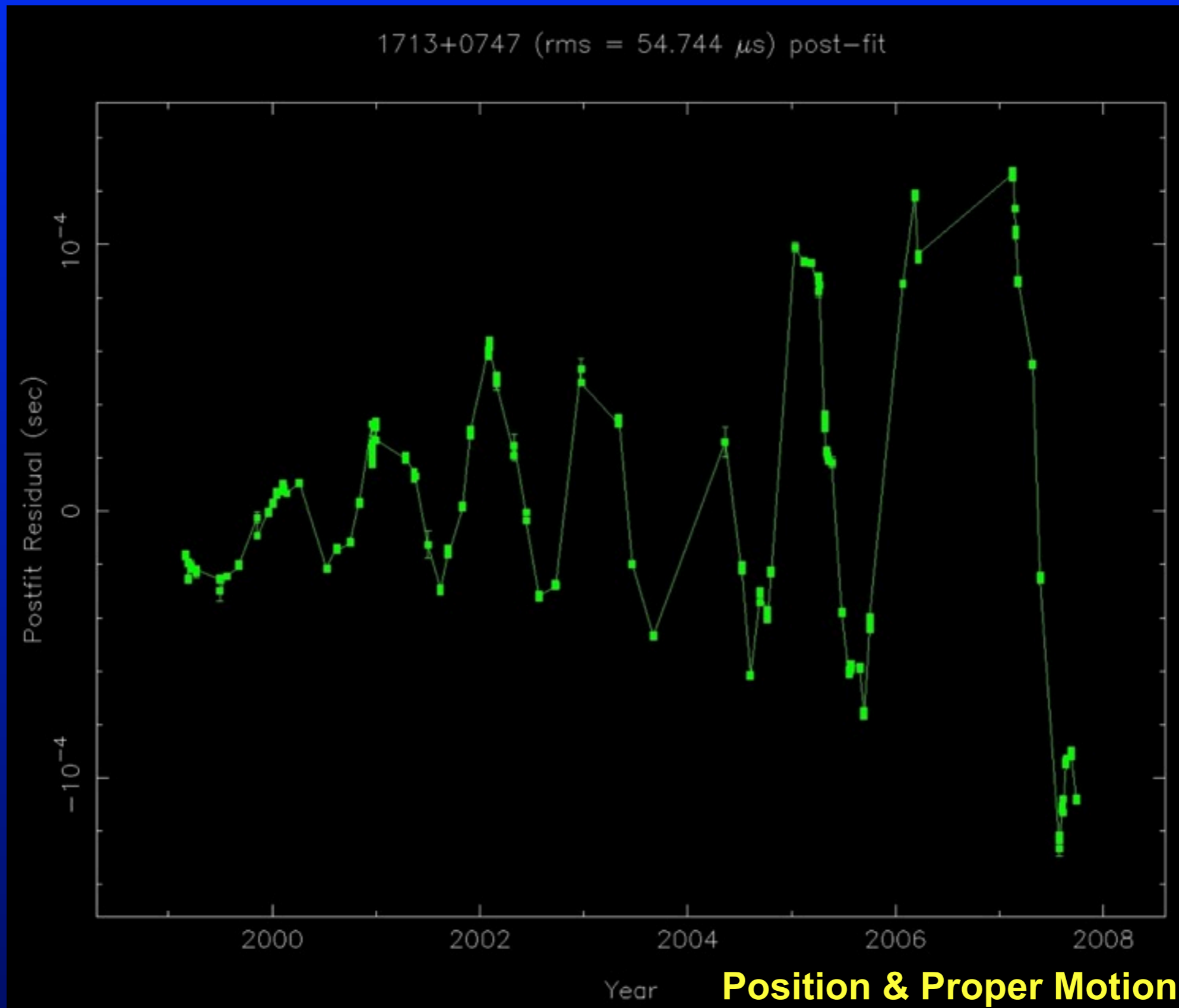
# Improve Timing Model



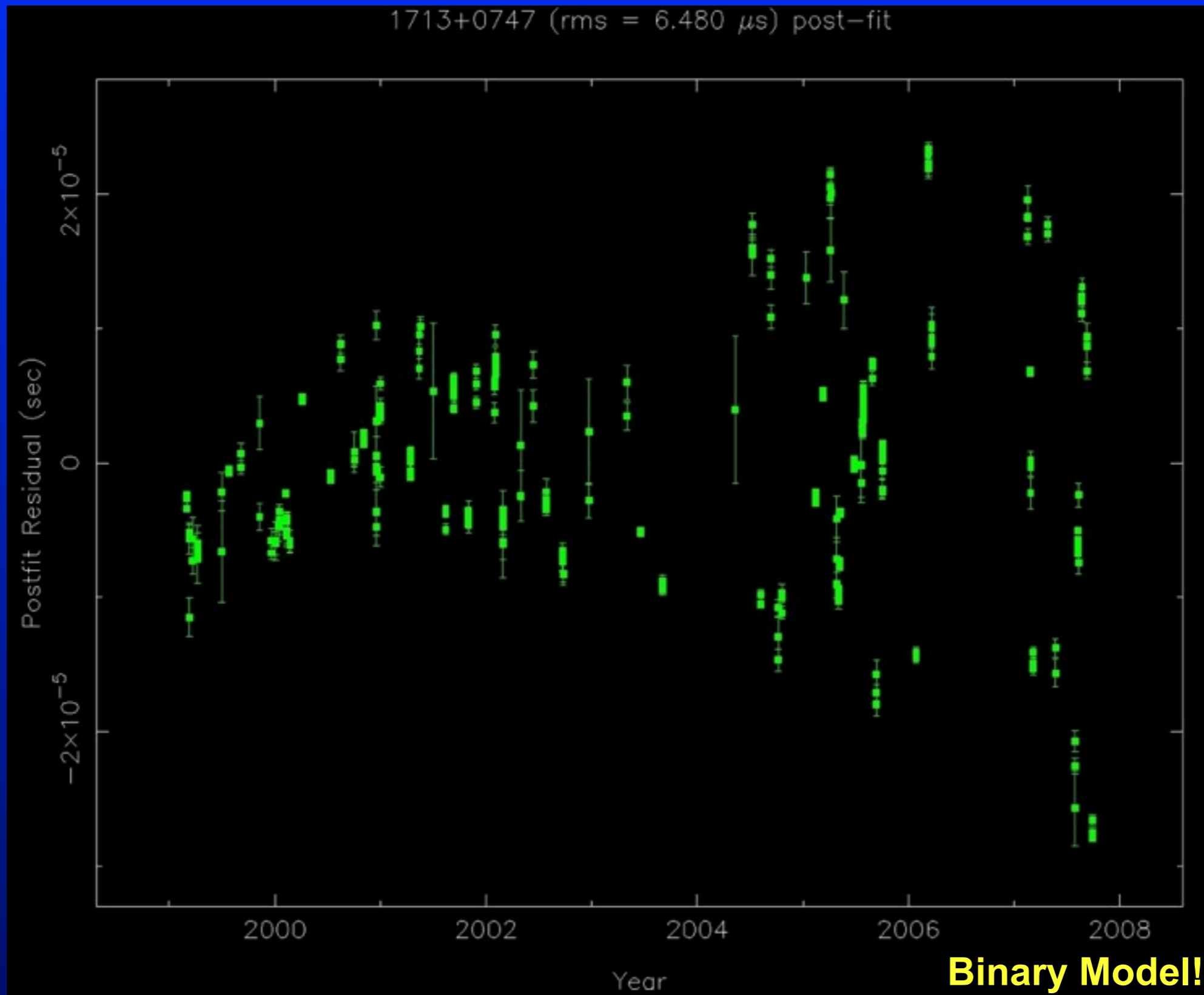
# Improve Timing Model



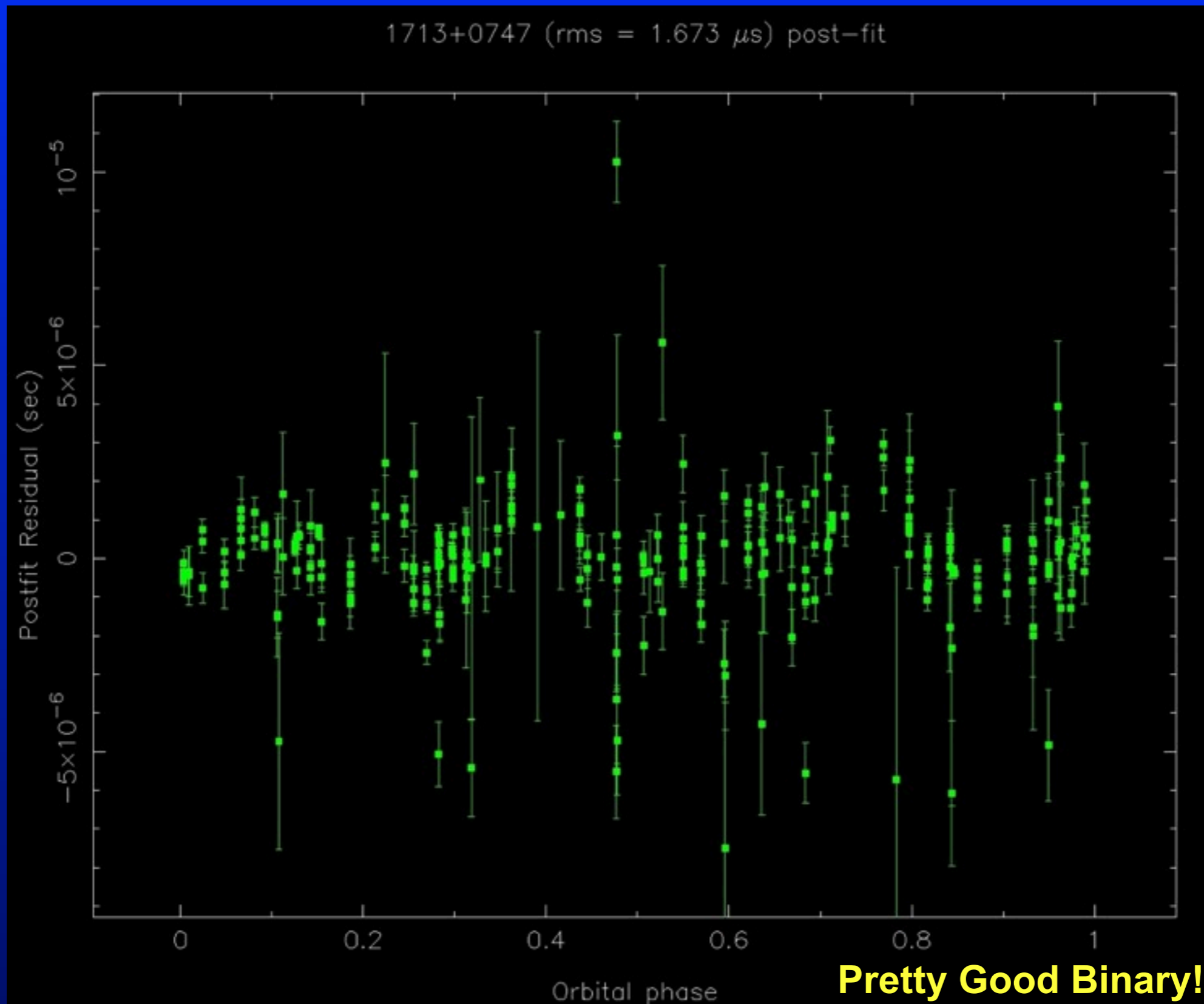
# Improve Timing Model



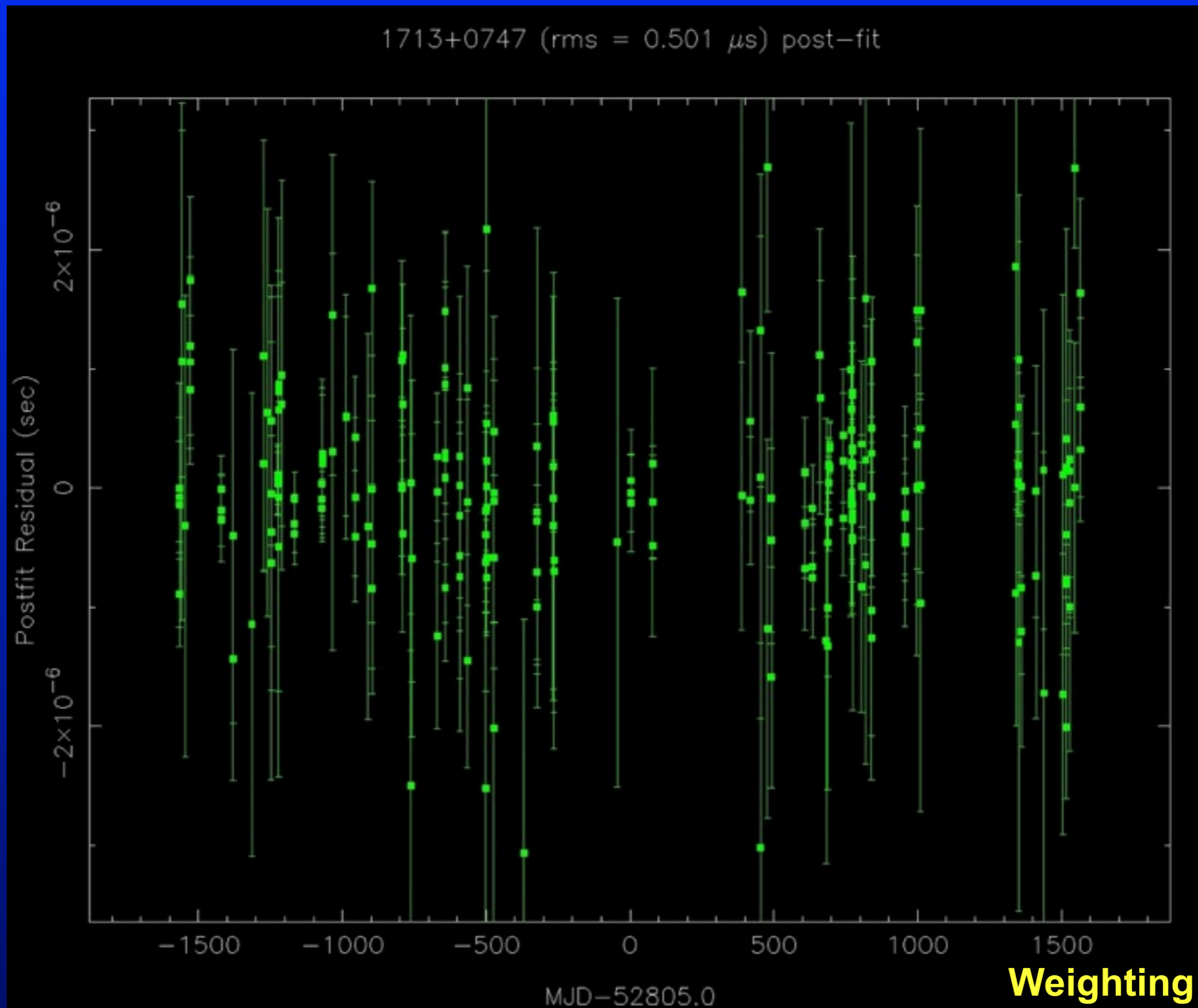
# Improve Timing Model



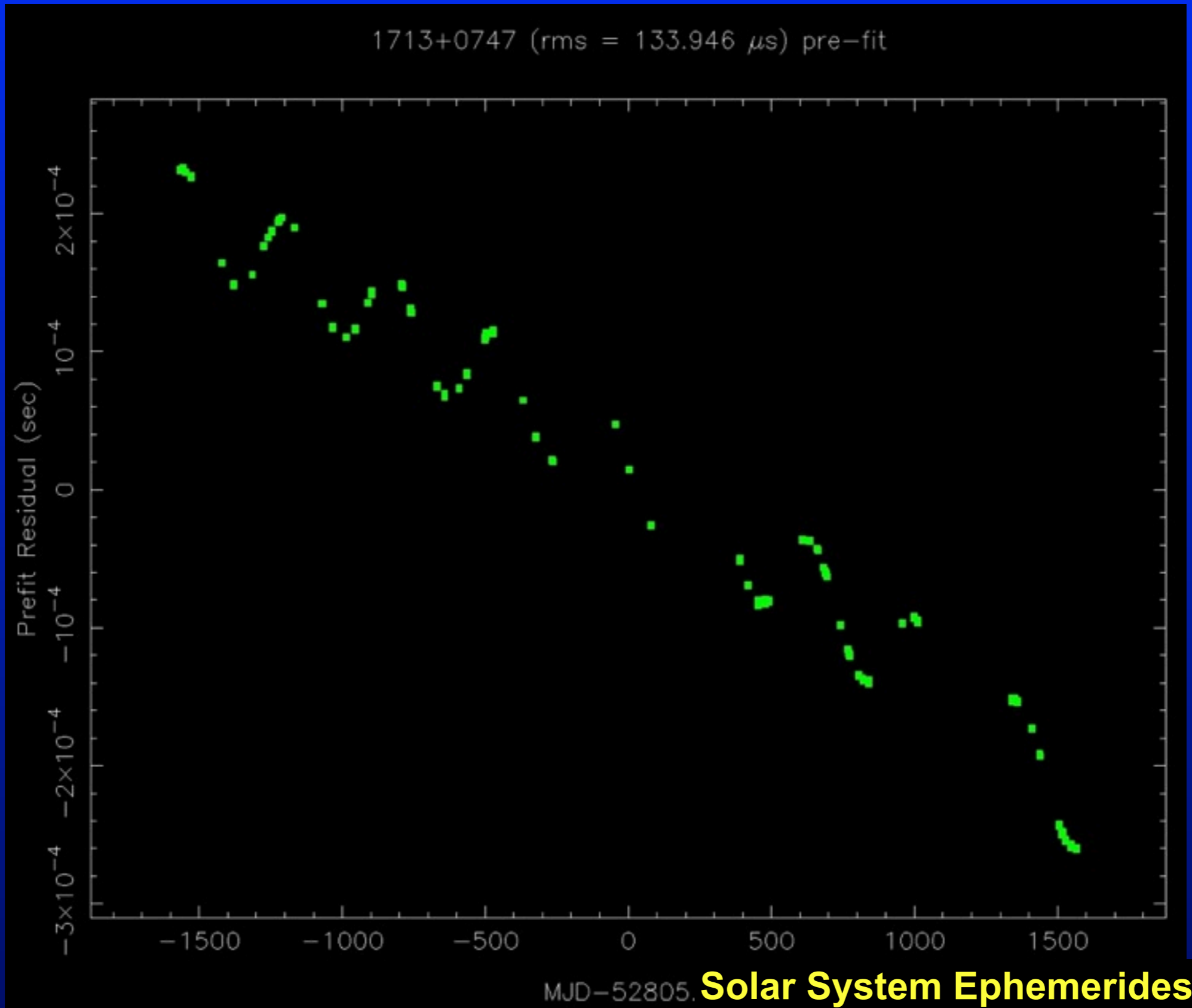
# Improve Timing Model



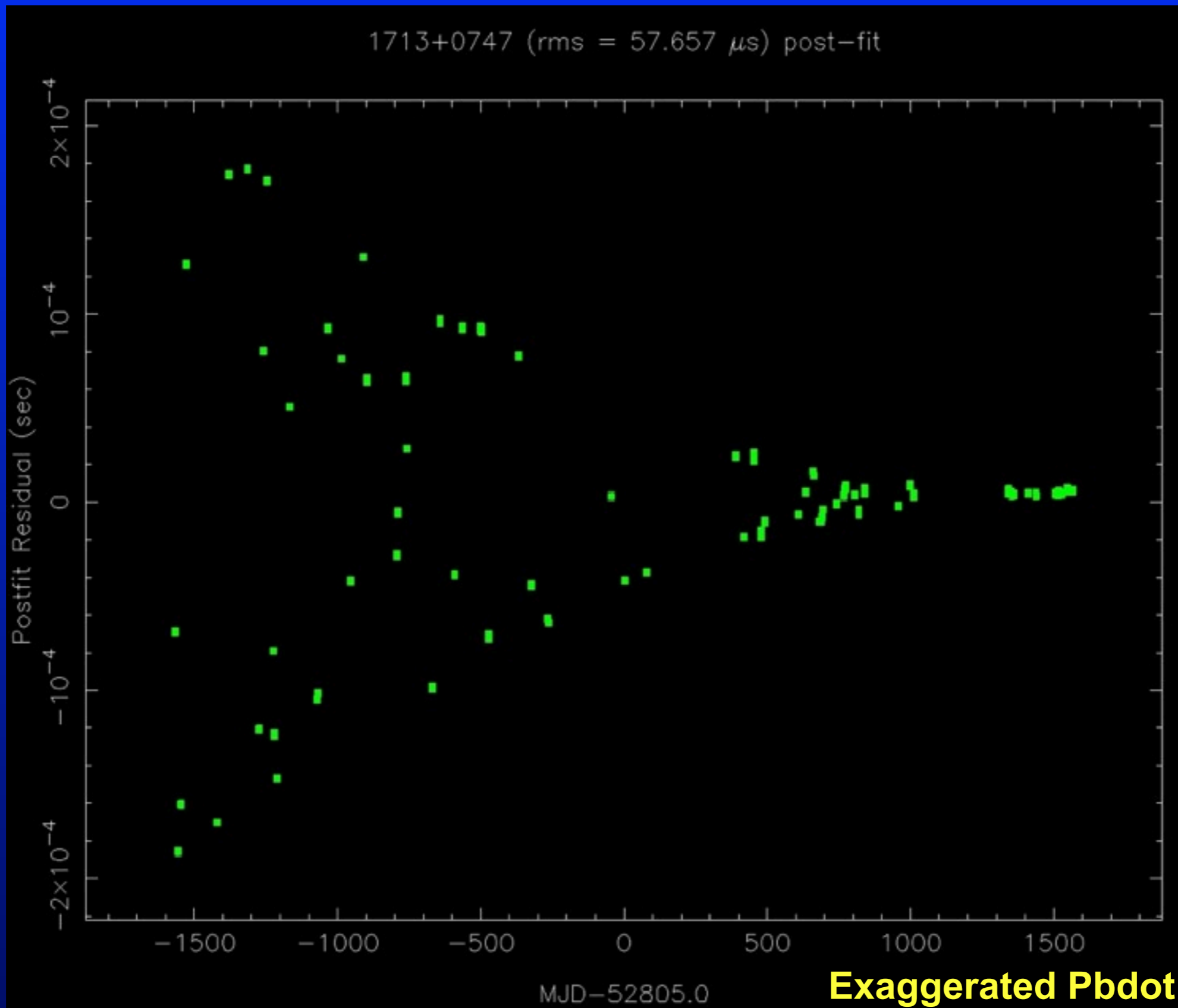
# Improve Timing Model



# Improve Timing Model



# Improve Timing Model





# Improve Timing Model

