

TSO Data Simulations

Data simulation tools

| Package | Instrument | Link/Contact | Publicly available? | Comments |
|-------------------|----------------|---|---------------------|--|
| MIRAGE | NIRCam, NIRISS | STScI webpage Github repo | yes | |
| MIRISim | MIRI | STScI webpage MIRI EC webpage mirisim@roe.ac.uk | yes | developed and maintained by the MIRI European Consortium |
| NIRspec simulator | NIRSpec | | no | developed and maintained by the ESA NIRSpec team |
| awesimsoss | NIRISS/SOSS | Github repo | yes | Developed by NIRISS/SOSS team. Lead developer is Joe Filippazzo. |

TSO Simulations

Tracked in JIRA

key summary type created updated due assignee reporter priority status resolution



Jira project doesn't exist or you don't have permission to view it.

[View these issues in Jira](#)

Simulation locations

| Instrument | Mode | Location | Short description or linked JIRA ticket |
|----------------------|----------------------------|---|---|
| MIRI | LRS slitless Imaging | https://github.com/STScI-MIRI/TSO-MIRI-simulations | repository with scripts to generate TSO simulations for imaging & LRS slitless with MIRISim. see also JWSTSIMS tickets. |
| Multiple instruments | multiple | Shared TSO Box folder: https://stsci.app.box.com/folder/118424927587?s=5k7dzxwmo2hmgj0ryerqw3382ewnpro | this folder can be accessed programmatically for use in pipeline testing |