

Chandra Verification and Validation Report

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Date (YYYY-MM-DD): 2002-04-08

Object: CTI

ObsID: 62797

Observation interval(s): 0

Processing version: 1

Instrument: ACIS

Detnam: ACIS-012367

Grating: NONE

Output products:

Level 1 (HRC/ACIS):

| | | |
|------------------------|--------|----------------------------------|
| events: | evt1: | acisf62797_000N001_evt1.fits.gz |
| mission time line: | mtl1: | acisf62797_000N001_mtl1.fits.gz |
| good time intervals: | flt1: | acisf62797_000N001_flt1.fits.gz |
| bad pixel list: | bpix1: | acisf62797_000N001_bpix1.fits.gz |
| window mask (acis): | msk1: | acisf62797_000N001_msk1.fits.gz |
| exposure stats (acis): | stat1: | acisf62797_000N001_stat1.fits.gz |

| | |
|------------------------|-------------------|
| deadtime factors: | hrc dtf1: |
| deadtime factor stats: | hrc std_dtfstat1: |

Level 2 (HRC/ACIS):

| | | |
|---------------|------------|--------------------------------------|
| events: | evt2: | acisf62797_000N001_evt2.fits.gz |
| center image: | cntr_img2: | acisf62797_000N001_cntr_img2.fits.gz |
| full image: | full_img2: | acisf62797_000N001_full_img2.fits.gz |
| source list: | src2: | |

TG (L1.5)

| | |
|------------------------|---------|
| events (grating): | evt1a: |
| source list (grating): | srcl1a: |

TG (L2)

| | |
|--------------|---------------|
| Type II PHA: | grating pha2: |
|--------------|---------------|

Verify actual obspar updated: Y

Obspar tolerance checks:

| | | |
|-------------|--------------------|-----|
| instrument: | as expected: | |
| grating: | as expected: | Y |
| detnam: | as expected: | |
| ra_pnt: | within 30 arcsec: | N/A |
| dec_pnt: | within 30 arcsec: | N/A |
| roll_pnt: | within roll_toler: | |
| ra_nom: | matches ra_pnt: | N/A |
| ra_targ: | matches ra_pnt: | N/A |
| dec_nom: | matches dec_pnt: | N/A |
| dec_targ: | matches dec_pnt: | N/A |
| roll_nom: | matches roll_pnt: | |

roll_targ: matches roll_pnt: Y
datamode: as expected:
readmode: as expected (acis):
exptime_a: within 10% (acis):
sim_z: as expected: Y

Usual messages (if not 'yes' then fill following): Y

Processing Errors/Warnings:
Explain:

Visual inspection:

L1: Events: Y

L2: Events: Y
Center image:
Full image:

L1.5 (Grating) Events:
Source List:
Type II PHA:

Known Sources:

Record source position: x: 0.000000
y: 0.000000

Standard GTI Times (Seconds):

ACIS/HRC: Ontime: 3025.820089

ACIS Only: ONTIME0: 3025.8200889975
ONTIME1: 3025.8200889975
ONTIME2: 3025.8200889975
ONTIME3: 3025.8200889975
ONTIME4:
ONTIME5:
ONTIME6: 3025.8200889975
ONTIME7: 3025.8200889975
ONTIME8:
ONTIME9:

Constraints:

Time Critical: N/A

Constraint Met?:

Monitor:
Phase:
Window:

Comments (include reasons for disposition other than OK):

Obsid is one of a group with zero telemetered events. Obsid should have been stopped prior to reaching V&V. Processing correctly handles the zero-event files.

Charge_Time (Required):

V&V Disposition and Status:

COMPLETED OK
V&V found no problems

HOLD
V&V detected anomaly; V&V scientist will investigate

REPROCESSING REQUIRED
V&V detected anomaly to be resolved by reprocessing

REVIEW REQUIRED
V&V detected anomaly to be resolved by Director's office

Data Distribution:

DISTRIBUTE DATA

DO NOT DISTRIBUTE DATA