

Chandra Verification and Validation Report

V&V Scientist: Alaine Duffy

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

Object: CTI

ObsID: 62784

Observation interval(s): 0

Processing version: 1

Instrument: ACIS

Detnam: ACIS-456789

Grating: NONE

Output products:

Level 1 (HRC/ACIS):

events:	evt1:	acisf62784_000N001_evt1.fits.gz
mission time line:	mtl1:	acisf62784_000N001_mtl1.fits.gz
good time intervals:	flt1:	acisf62784_000N001_flt1.fits.gz
bad pixel list:	bpix1:	acisf62784_000N001_bpix1.fits.gz
window mask (acis):	msk1:	acisf62784_000N001_msk1.fits.gz
exposure stats (acis):	stat1:	acisf62784_000N001_stat1.fits.gz

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

Level 2 (HRC/ACIS):

events:	evt2:	acisf62784_000N001_evt2.fits.gz
center image:	cntr_img2:	acisf62784_000N001_cntr_img2.fits.gz
full image:	full_img2:	acisf62784_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: 7088.903721

ACIS Only: ONTIME0:
ONTIME1:
ONTIME2:
ONTIME3:
ONTIME4: 7088.9037209973
ONTIME5: 7088.9037209973
ONTIME6: 7088.9037209973
ONTIME7: 7088.9037209973
ONTIME8: 7088.9037209973
ONTIME9: 7088.9037209973

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