         Chandra Verification and Validation Report

V&V Scientist: Alaine Duffy

Date (YYYY-MM-DD): 2002-04-16

Object: CTI

ObsID: 62759

Observation interval(s): 0

Processing version: 1

Instrument: ACIS

Detnam: ACIS-012367

Grating: NONE

Output products:

 Level 1 (HRC/ACIS):
  events: evt1:   acisf62759_000N001_evt1.fits.gz
  mission time line: mtl1:   acisf62759_000N001_mtl1.fits.gz
  good time intervals: flt1:   acisf62759_000N001_flt1.fits.gz
  bad pixel list: bpix1:   acisf62759_000N001_bpix1.fits.gz
  window mask (acis):   msk1:   acisf62759_000N001_msk1.fits.gz
  exposure stats (acis): stat1:   acisf62759_000N001_stat1.fits.gz

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

 Level 2 (HRC/ACIS):
  events: evt2:   acisf62759_000N001_evt2.fits.gz
  center image: cntr_img2:   acisf62759_000N001_cntr_img2.fits.gz
  full image: full_img2:   acisf62759_000N001_full_img2.fits.gz
  source list: src2:

 TG (L1.5)
  events (grating):   evt1a:
  source list (grating): src1a:

 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:

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  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: 707.253173

ACIS Only: ONTIME0:   707.2531730011
            ONTIME1:   707.2531730011
            ONTIME2:   707.2531730011
            ONTIME3:   707.2531730011
            ONTIME4:
            ONTIME5:
            ONTIME6:   707.2531730011
            ONTIME7:   707.2531730011
            ONTIME8:
            ONTIME9:

Constraints:

  Time Critical: N/A

    Constraint Met?:
      Monitor:
      Phase:
      Window:

Comments (include reasons for disposition other than OK):

There are zero events, reported by the processing software as well as
the ACIS hardware team.

Charge_Time (Required):

V&V Disposition and Status:

|X| 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:

|X| DISTRIBUTE DATA

| | DO NOT DISTRIBUTE DATA