V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 13827 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 13 2012

See axaff13827N001_VV001_vvref2.pdf for the full report

V&V Scientist	Glenn Allen
V&V Date (YYYY-MM-DD)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.8788666187524

Comments

```
Strange shape of enhanced events in evt1 on chip 8. Looks like all
these
events were removed in level 2. Only present in primary exposure.
No evidence of a problem in the bias file.

There are many events in the region (CCD_ID, CHIPX, CHIPY) = (8,
513-706, 680-722). Most of these events have EXPNO = 7794 and have
STATUS bit 15 set to one. This STATUS bit is associated with horizontal
streaks on CCD_ID = 8. An inspection of the events in this region with
STATUS bit 15 set to one reveals that the events satisfy the criteria
for being flagged as part of a horizontal streak. Therefore, the code
seems to be working properly. The spurious events with STATUS bit 15
set to one are excluded from the Level 2 event data file, as they should
be.

Glenn
```

seq_num	601001	Sequence number
obs_id	13827	Observation id
title	M31*: A Resolved Low-Luminosity Accretion Flow Around a Murmuring Monster	Proposal title
observer	Dr. Michael Garcia	Principal investigator
object	M31*	Source name
dtycycle	0	&#160
cycle	P	events are from which exps? P[rimary] S[econdar
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.681389568255	Nominal RA [deg]
dec_nom	41.27030850827	Nominal Dec [deg]
roll_nom	96.174569052789	Nominal Roll [deg]
revision	1	Processing version of data
ontime	9871.5070942044	Sum of GTIs [s]
livetime	1554.0133329107	Livetime [s]
ontime2	9871.5070942044	Sum of GTIs [s]
ontime3	9871.5070942044	Sum of GTIs [s]
ontime5	9871.5070942044	Sum of GTIs [s]
ontime6	9871.5070942044	Sum of GTIs [s]
ontime7	9871.5070942044	Sum of GTIs [s]
ontime8	9871.5070942044	Sum of GTIs [s]
l2events	34828	Number of level 2 events