

V&V Reference Report

L2 ASCDS Version : 10.3.1

Observation 52227 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 27 2014

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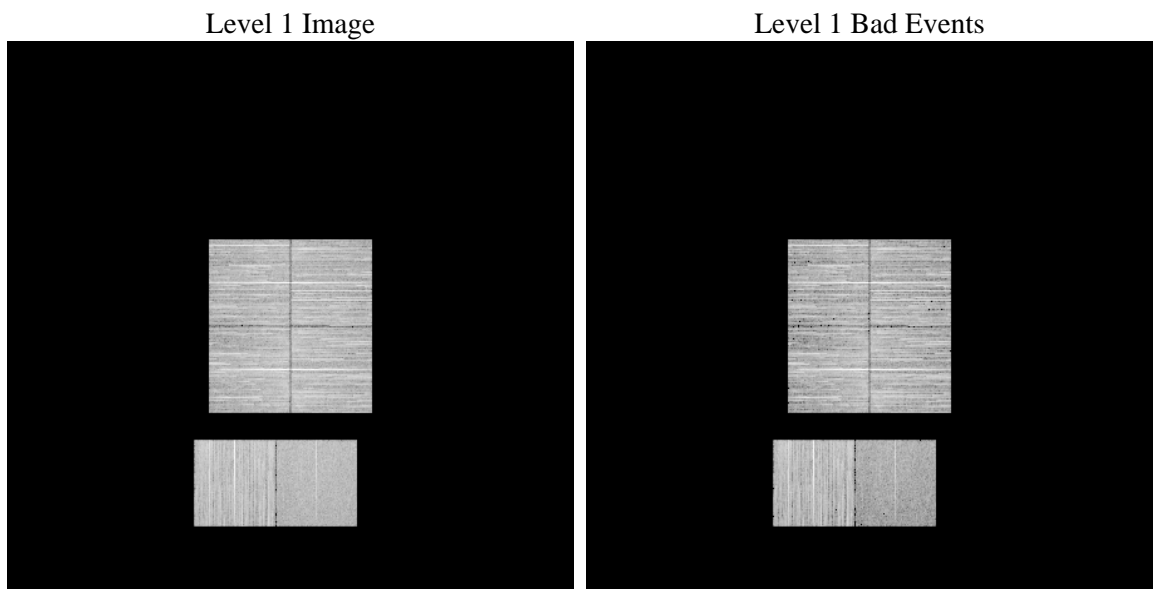
1 Front

seq_num	 	Sequence number
obs_id	52227	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	99.235794087659	Nominal RA [deg]
dec_nom	32.343506091157	Nominal Dec [deg]
roll_nom	196.88224243532	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7708.7999713421	Sum of GTIs [s]
livetime	7611.1865044229	Livetime [s]
ontime0	7705.5589109659	Sum of GTIs [s]
ontime1	7708.7999713421	Sum of GTIs [s]
ontime2	7708.7999713421	Sum of GTIs [s]
ontime3	7708.7999713421	Sum of GTIs [s]
ontime6	7708.7999713421	Sum of GTIs [s]
ontime7	7708.7999713421	Sum of GTIs [s]
l2events	145880	Number of level 2 events

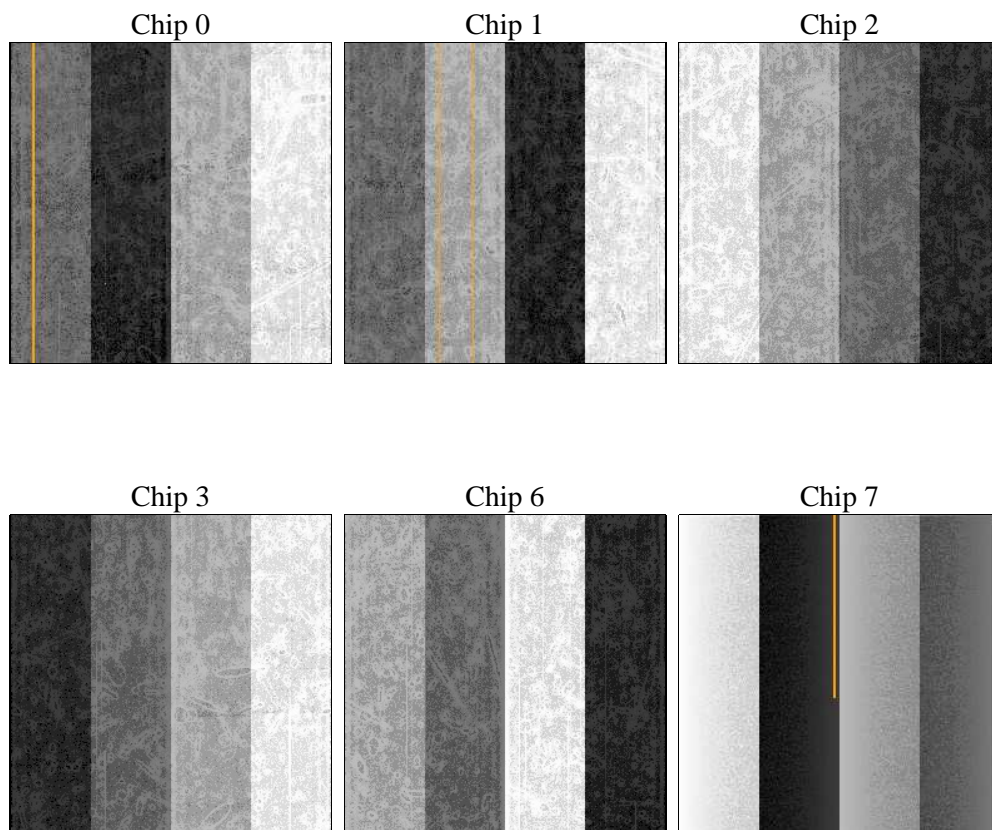
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3.1	Processing system revision	ontime	7708.7999713421	Sum of GTIs [s]
caldbver	4.6.5	 	ontime0	7705.5589109659	Sum of GTIs [s]
date	2014-12-27T05:24:19	Date and time of file creation	ontime1	7708.7999713421	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7708.7999713421	Sum of GTIs [s]
			ontime3	7708.7999713421	Sum of GTIs [s]
			ontime6	7708.7999713421	Sum of GTIs [s]
			ontime7	7708.7999713421	Sum of GTIs [s]
			l1events	724515	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	117925	121824	120733	125697	135863	102473	grade 0 events	10958	10525	11219	11199	11169	5892
rejected events	96017	99959	98822	103736	112844	58176		9%	8%	9%	8%	8%	5%
rejected %	81%	82%	81%	82%	83%	56%	grade 1 events	69	63	64	72	58	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	4430	4757	4354	4267	4694	10970
								3%	3%	3%	3%	3%	10%
							grade 3 events	1556	1549	1601	1598	1567	3604
								1%	1%	1%	1%	1%	3%
							grade 4 events	1479	1416	1534	1527	1588	3583
								1%	1%	1%	1%	1%	3%
							grade 5 events	2565	2538	2449	2800	2731	6555
								2%	2%	2%	2%	2%	6%
							grade 6 events	3596	3752	3314	3454	4098	20478
								3%	3%	2%	2%	3%	19%
							grade 7 events	93272	97224	96198	100780	109958	51323
								79%	79%	79%	80%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	99.23579408765853
[deg] Pointing Dec	0	32.34350609115664
[deg] Pointing Roll	0.0	196.8822424353215
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	535996266.763745	535996266.763745
Observation start date	2014-12-26T15:51:07	2014-12-26T15:51:06
[s] Observation end time (MET)	536004935.155468	536004935.155468
Observation end date	2014-12-26T18:15:35	2014-12-26T18:15:35
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7087999713421

A.2 Comments