

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58802 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 8 2012

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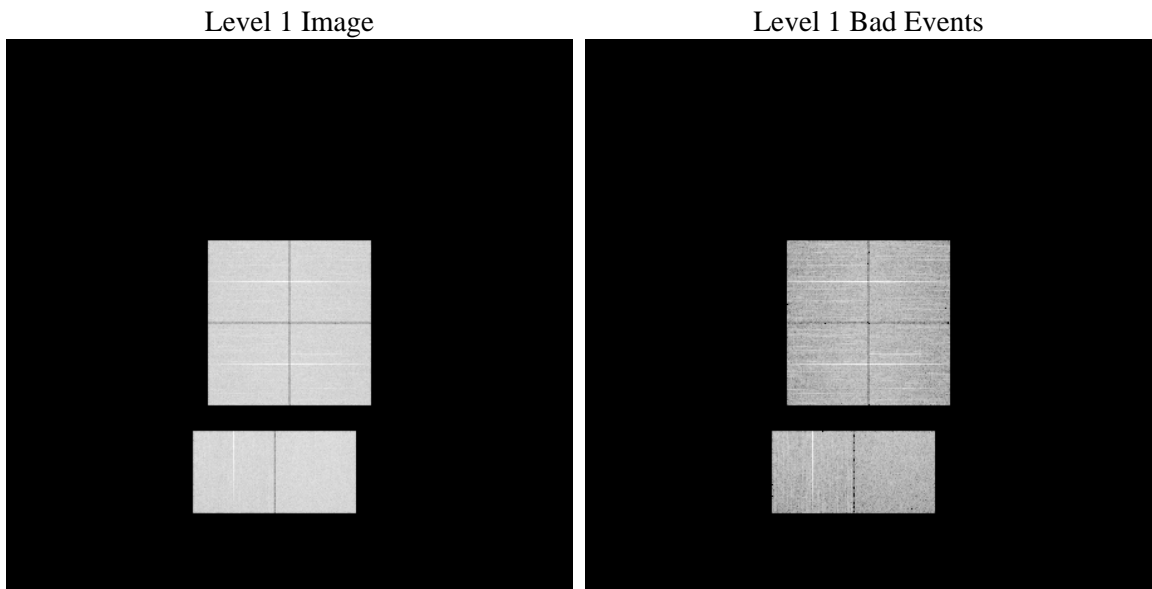
1 Front

seq_num	 	Sequence number
obs_id	58802	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	314.51552521166	Nominal RA [deg]
dec_nom	-8.024150236382	Nominal Dec [deg]
roll_nom	269.58774215048	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.0524305105	Sum of GTIs [s]
livetime	8172.2434087928	Livetime [s]
ontime0	8277.0113905072	Sum of GTIs [s]
ontime1	8276.9703505039	Sum of GTIs [s]
ontime2	8276.9293105006	Sum of GTIs [s]
ontime3	8277.0934705138	Sum of GTIs [s]
ontime6	8276.8882704973	Sum of GTIs [s]
ontime7	8277.0524305105	Sum of GTIs [s]
l2events	894878	Number of level 2 events

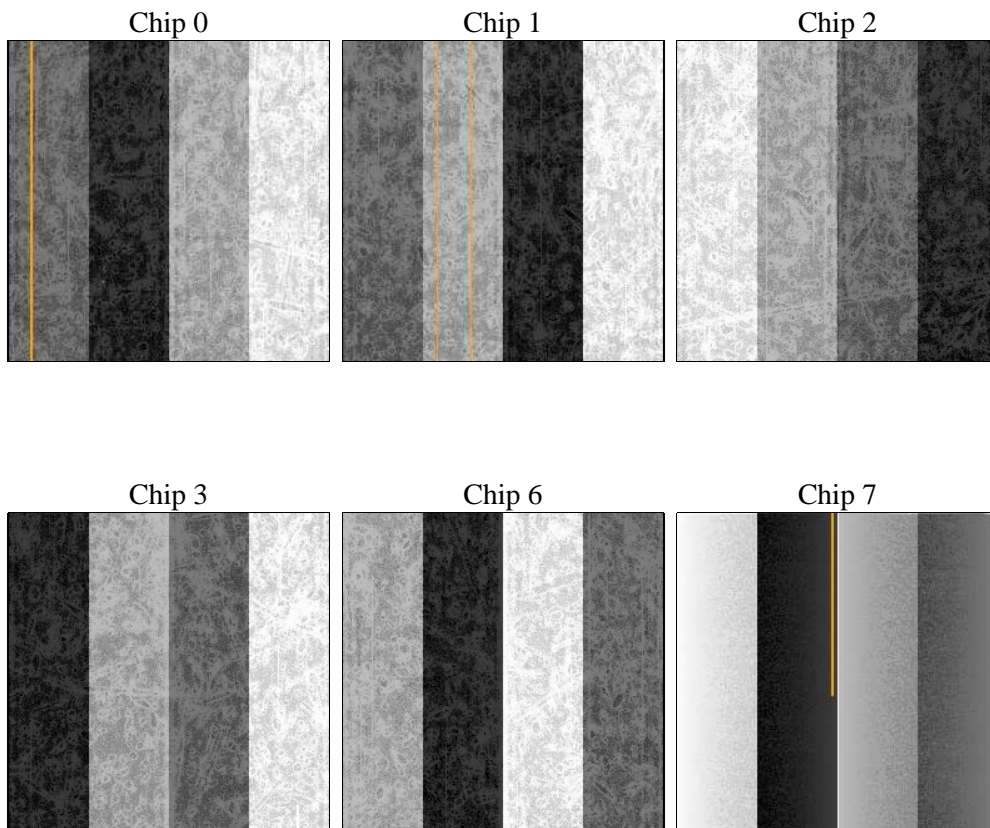
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	8277.0524305105	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8277.0113905072	Sum of GTIs [s]
date	2012-04-08T19:31:03	Date and time of file creation	ontime1	8276.9703505039	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8276.9293105006	Sum of GTIs [s]
			ontime3	8277.0934705138	Sum of GTIs [s]
			ontime6	8276.8882704973	Sum of GTIs [s]
			ontime7	8277.0524305105	Sum of GTIs [s]
			l1events	1334969	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	217273	215765	220176	219407	223478	238870	grade 0 events	81100	81024	83636	84341	83649	40232
rejected events	66996	64257	69222	67020	66322	58658		37%	37%	37%	38%	37%	16%
rejected %	30%	29%	31%	30%	29%	24%	grade 1 events	566	512	626	632	450	186
								0%	0%	0%	0%	0%	0%
							grade 2 events	26553	27332	25248	25847	27373	39038
								12%	12%	11%	11%	12%	16%
							grade 3 events	10103	9973	9925	10111	9819	17518
								4%	4%	4%	4%	4%	7%
							grade 4 events	9682	9687	10041	10075	9842	17133
								4%	4%	4%	4%	4%	7%
							grade 5 events	3739	3895	3540	4148	3898	9791
								1%	1%	1%	1%	1%	4%
							grade 6 events	22839	23492	22104	22013	26473	66291
								10%	10%	10%	10%	11%	27%
							grade 7 events	62691	59850	65056	62240	61974	48681
								28%	27%	29%	28%	27%	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	314.5155252116642	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-8.024150236381981	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	269.5877421504832			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	273730048.870658	273730047.84565			
Observation start date	2006-09-04T04:07:29	2006-09-04T04:07:27			
[s] Observation end time (MET)	273753146.221744	273753145.19673			
Observation end date	2006-09-04T10:32:26	2006-09-04T10:32:25			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2770524305105

A.2 Comments