

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59116 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 25 2012

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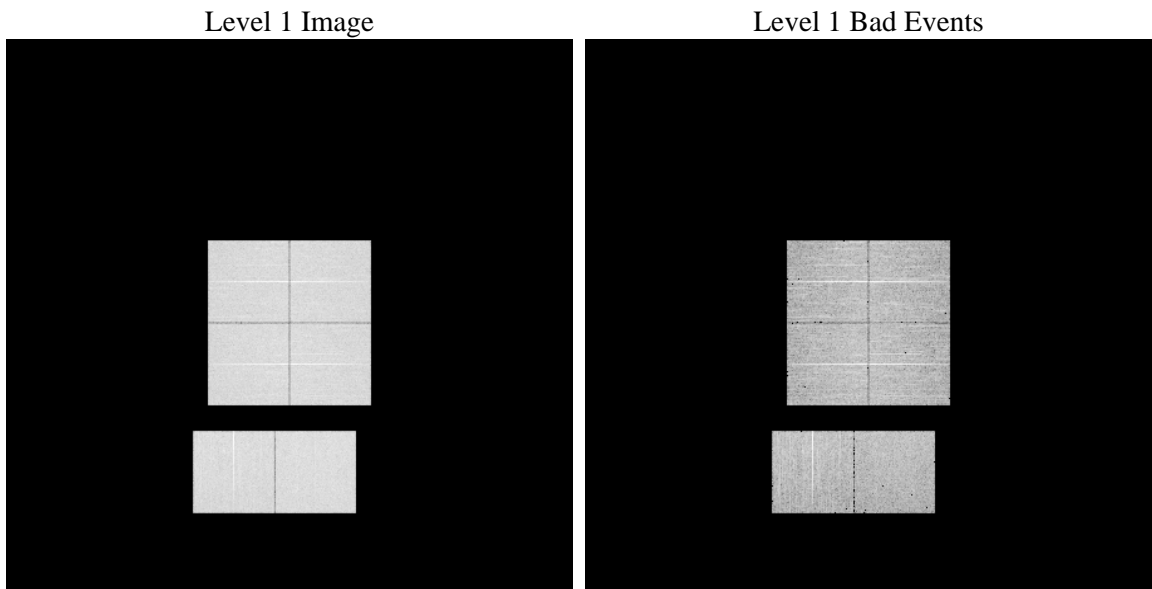
1 Front

seq_num	 	Sequence number
obs_id	59116	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	130.94518918728	Nominal RA [deg]
dec_nom	33.266216320839	Nominal Dec [deg]
roll_nom	226.47261069262	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6133.1441164911	Sum of GTIs [s]
livetime	6055.482552752	Livetime [s]
ontime0	6133.1030764878	Sum of GTIs [s]
ontime1	6133.0620364845	Sum of GTIs [s]
ontime2	6133.0209964812	Sum of GTIs [s]
ontime3	6133.1851564944	Sum of GTIs [s]
ontime6	6132.9799565077	Sum of GTIs [s]
ontime7	6133.1441164911	Sum of GTIs [s]
l2events	755853	Number of level 2 events

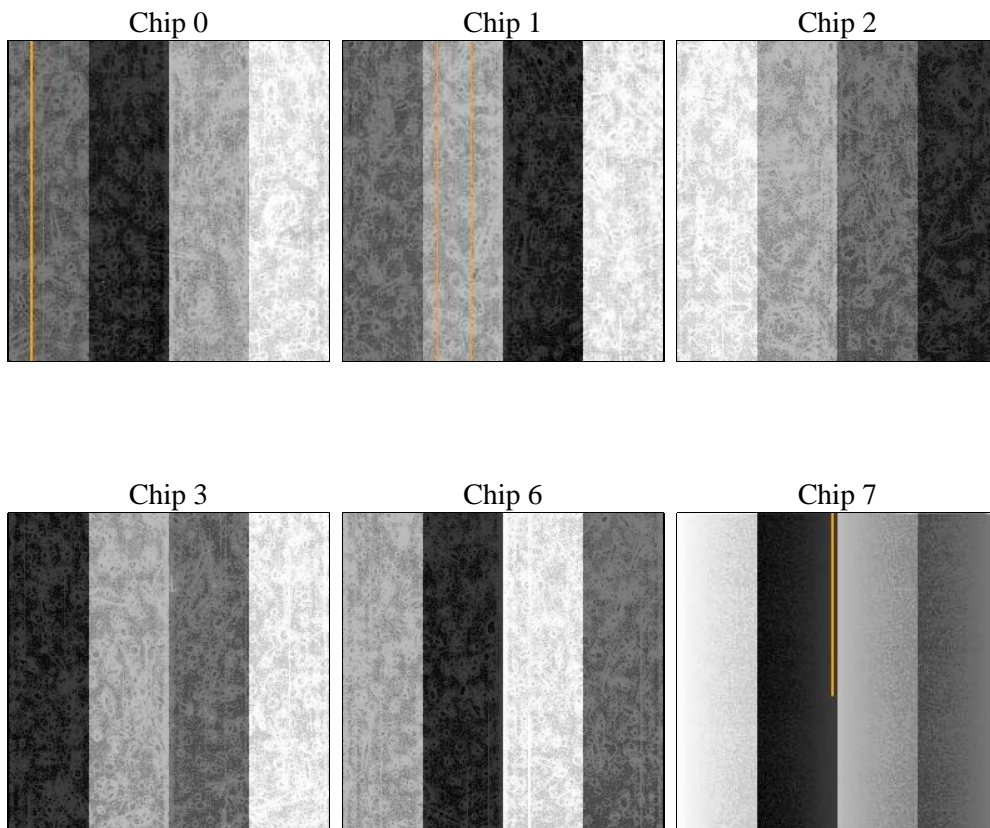
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4920	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	6133.1441164911	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	6133.1030764878	Sum of GTIs [s]
date	2012-03-25T18:19:53	Date and time of file creation	ontime1	6133.0620364845	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6133.0209964812	Sum of GTIs [s]
			ontime3	6133.1851564944	Sum of GTIs [s]
			ontime6	6132.9799565077	Sum of GTIs [s]
			ontime7	6133.1441164911	Sum of GTIs [s]
			l1events	1114732	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	179708	178968	184296	184415	190300	197045	grade 0 events	70658	70841	73319	73768	73660	35398
rejected events	52980	51026	56102	54767	56342	47718		39%	39%	39%	40%	38%	17%
rejected %	29%	28%	30%	29%	29%	24%	grade 1 events	433	418	529	515	418	130
								0%	0%	0%	0%	0%	0%
							grade 2 events	22601	23581	21993	22739	23870	33581
								12%	13%	11%	12%	12%	17%
							grade 3 events	8456	8447	8796	8787	8637	14839
								4%	4%	4%	4%	4%	7%
							grade 4 events	8609	8510	8718	8705	8629	14975
								4%	4%	4%	4%	4%	7%
							grade 5 events	2813	2962	2691	3189	3125	7507
								1%	1%	1%	1%	1%	3%
							grade 6 events	19730	20009	18825	19000	22653	54490
								10%	11%	10%	10%	11%	27%
							grade 7 events	46408	44200	49425	47712	49308	36125
								25%	24%	26%	25%	25%	18%

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	130.945212500502	130.9451891872799
[deg] Pointing Dec	33.26623424304348	33.26621632083919
[deg] Pointing Roll	226.4725956509797	226.4726106926198
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	256553354.318257	256553354.318257
Observation start date	2006-02-17T08:57:00	2006-02-17T08:49:14
[s] Observation end time (MET)	256561359.961169	256561359.961169
Observation end date	2006-02-17T10:19:00	2006-02-17T11:02:39
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1331441164911

A.2 Comments