

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59218 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 21 2012

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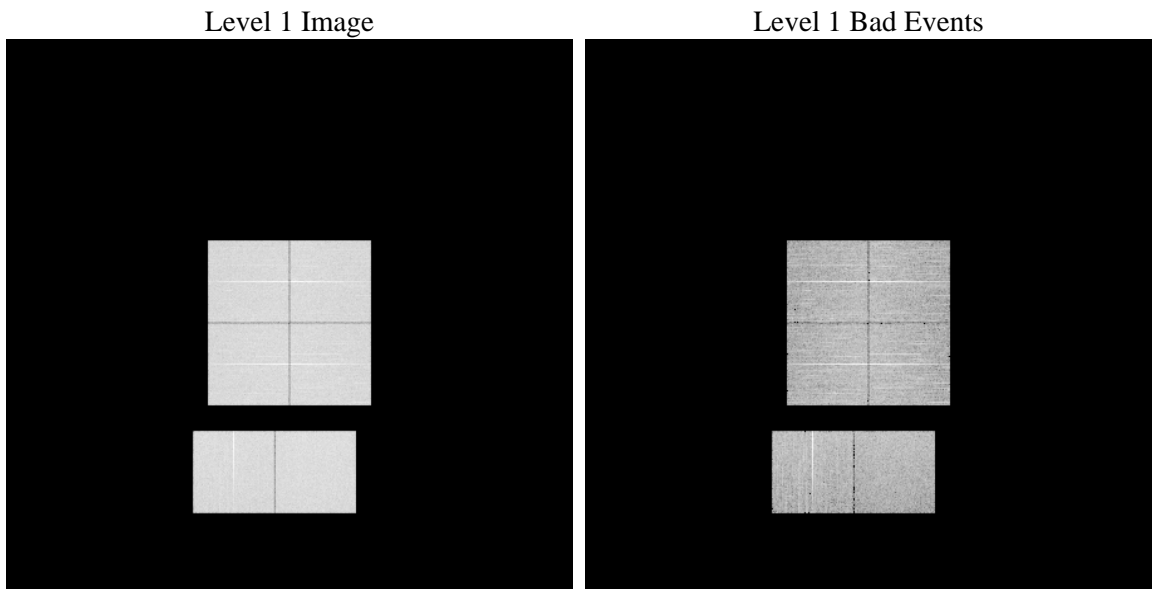
1 Front

seq_num	 	Sequence number
obs_id	59218	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	81.52938288647	Nominal RA [deg]
dec_nom	-3.9916632725547	Nominal Dec [deg]
roll_nom	338.73429075877	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8230.1704429686	Sum of GTIs [s]
livetime	8125.9550692061	Livetime [s]
ontime0	8230.1294029653	Sum of GTIs [s]
ontime1	8230.088362962	Sum of GTIs [s]
ontime2	8230.0473229587	Sum of GTIs [s]
ontime3	8226.9705722928	Sum of GTIs [s]
ontime6	8230.0062829852	Sum of GTIs [s]
ontime7	8230.1704429686	Sum of GTIs [s]
l2events	1005560	Number of level 2 events

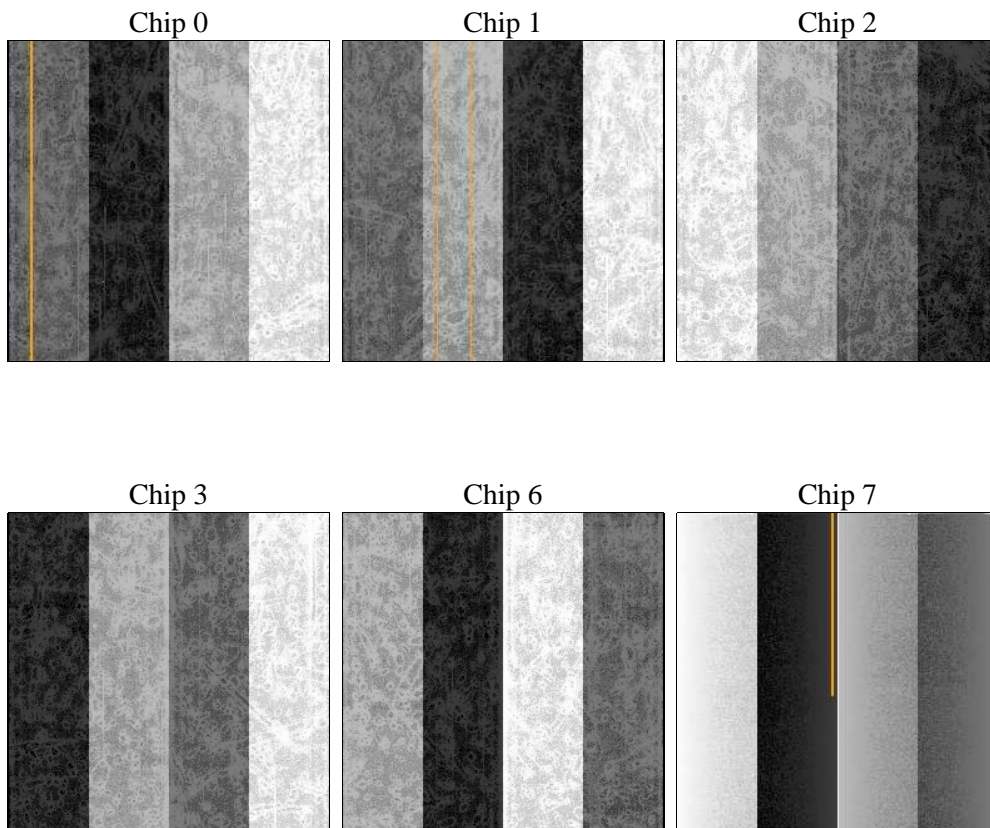
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8230.1704429686	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8230.1294029653	Sum of GTIs [s]
date	2012-03-21T04:50:31	Date and time of file creation	ontime1	8230.088362962	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8230.0473229587	Sum of GTIs [s]
			ontime3	8226.9705722928	Sum of GTIs [s]
			ontime6	8230.0062829852	Sum of GTIs [s]
			ontime7	8230.1704429686	Sum of GTIs [s]
			l1events	1436862	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	230658	232297	238857	237800	244472	252778	grade 0 events	93231	92999	96249	95786	96991	45601
rejected events	61532	61874	66975	66246	65845	55824		40%	40%	40%	40%	39%	18%
rejected %	26%	26%	28%	27%	26%	22%	grade 1 events	573	473	627	605	513	187
								0%	0%	0%	0%	0%	0%
							grade 2 events	29845	30753	29538	29830	31275	43092
								12%	13%	12%	12%	12%	17%
							grade 3 events	10912	11133	11323	11382	11547	19470
								4%	4%	4%	4%	4%	7%
							grade 4 events	11234	11002	11317	11381	11241	19542
								4%	4%	4%	4%	4%	7%
							grade 5 events	3616	3844	3458	3976	3967	9545
								1%	1%	1%	1%	1%	3%
							grade 6 events	24950	25606	24534	24328	28747	70422
								10%	11%	10%	10%	11%	27%
							grade 7 events	56297	56487	61811	60512	60191	44919
								24%	24%	25%	25%	24%	17%

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	81.52938288646995
[deg] Pointing Dec	0	-3.991663272554669
[deg] Pointing Roll	0.0	338.7342907587674
[mm] SIM focus pos	-0.782348	-1.526339935833849
[mm] SIM defocus	0	0.006996703570447904
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	251795521.397644	251795520.37264
Observation start date	2005-12-24T07:12:01	2005-12-24T07:12:00
[s] Observation end time (MET)	251819633.49876	251819632.47376
Observation end date	2005-12-24T13:53:53	2005-12-24T13:53:52
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2301704429686

A.2 Comments