

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59797 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2012

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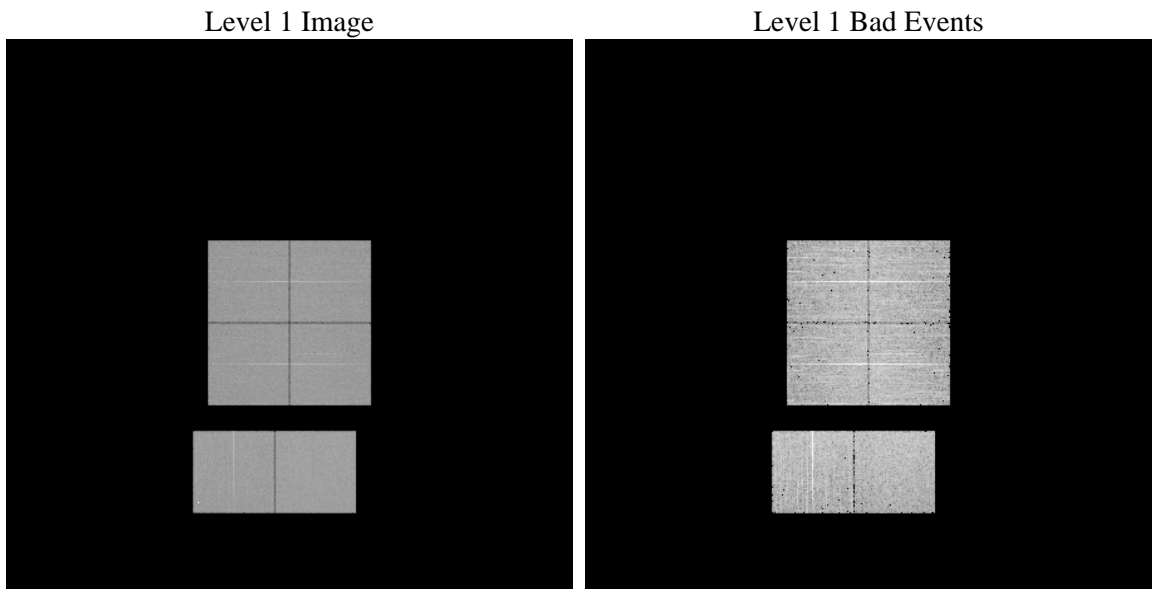
1 Front

seq_num	 	Sequence number
obs_id	59797	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	154.96975338707	Nominal RA [deg]
dec_nom	21.495029382642	Nominal Dec [deg]
roll_nom	157.64113066916	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6351.999976337	Sum of GTIs [s]
livetime	6271.5671279214	Livetime [s]
ontime0	5583.8871374428	Sum of GTIs [s]
ontime1	5723.2497683167	Sum of GTIs [s]
ontime2	5509.7250708938	Sum of GTIs [s]
ontime3	5616.5434600413	Sum of GTIs [s]
ontime6	6011.625457108	Sum of GTIs [s]
ontime7	6351.999976337	Sum of GTIs [s]
l2events	867688	Number of level 2 events

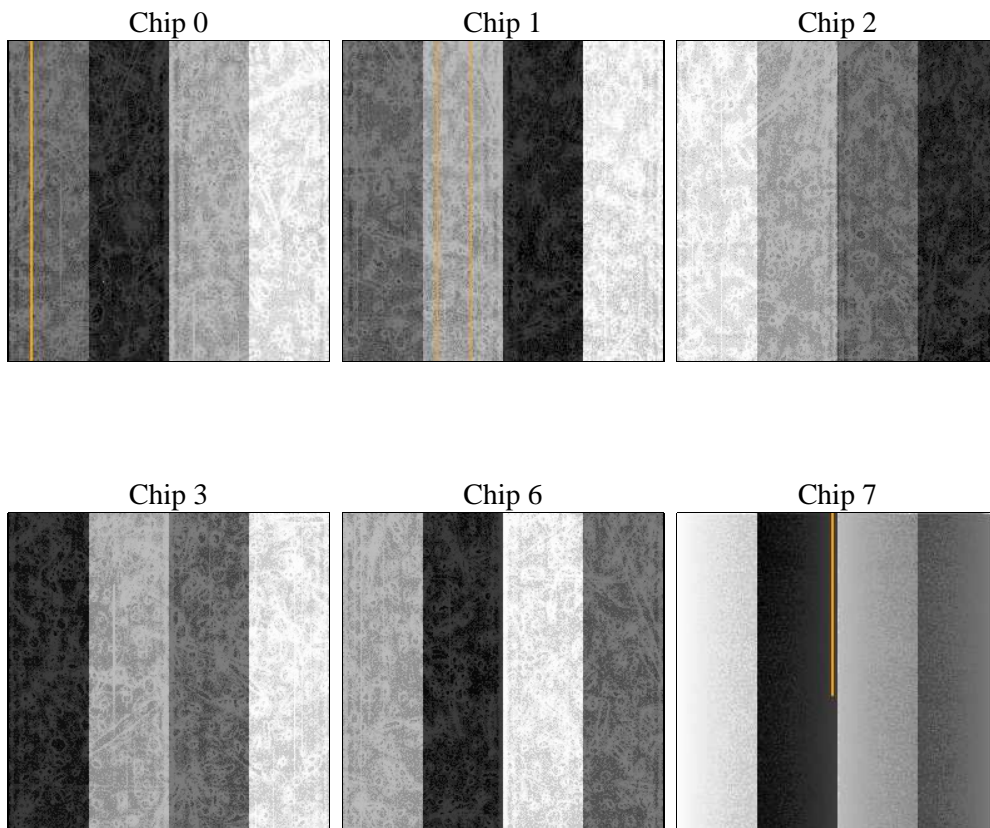
2 OBI

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	8.5.1	Processing system revision	ontime	6351.999976337	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	5583.8871374428	Sum of GTIs [s]
date	2012-12-17T18:27:53	Date and time of file creation	ontime1	5723.2497683167	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5509.7250708938	Sum of GTIs [s]
			ontime3	5616.5434600413	Sum of GTIs [s]
			ontime6	6011.625457108	Sum of GTIs [s]
			ontime7	6351.999976337	Sum of GTIs [s]
			l1events	1150979	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	179666	183712	179251	185846	204511	217993	grade 0 events	77402	79522	78732	80802	86687	43002
rejected events	38299	37934	38436	41850	43028	38193		43%	43%	43%	43%	42%	19%
rejected %	21%	20%	21%	22%	21%	17%	grade 1 events	411	401	480	488	441	136
								0%	0%	0%	0%	0%	0%
							grade 2 events	24915	26130	23342	24540	29374	39394
								13%	14%	13%	13%	14%	18%
							grade 3 events	9197	9129	9329	9435	10083	17712
								5%	4%	5%	5%	4%	8%
							grade 4 events	9108	9358	9331	9526	9985	17829
								5%	5%	5%	5%	4%	8%
							grade 5 events	2358	2432	2320	2667	2852	6777
								1%	1%	1%	1%	1%	3%
							grade 6 events	20745	21639	20081	19693	25354	61863
								11%	11%	11%	10%	12%	28%
							grade 7 events	35530	35101	35636	38695	39735	31280
								19%	19%	19%	20%	19%	14%

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	154.9697533870734	Alternating exposures requested	N	N
[deg] Pointing Dec	0	21.49502938264247	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	157.6411306691583			
[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)	225025094.972162	225025093.94716			
Observation start date	2005-02-17T10:58:15	2005-02-17T10:58:13			
[s] Observation end time (MET)	225043866.823011	225043865.79801			
Observation end date	2005-02-17T16:11:07	2005-02-17T16:11:05			
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)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.351999976337

A.2 Comments