

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59027 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 29 2012

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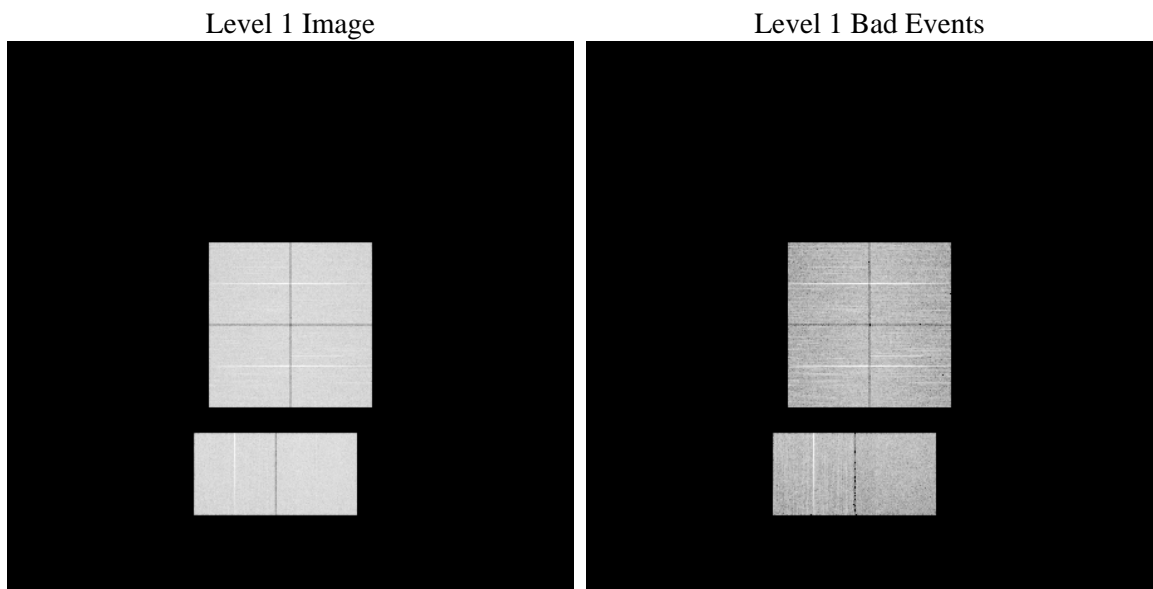
1 Front

seq_num	 	Sequence number
obs_id	59027	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	164.01651117765	Nominal RA [deg]
dec_nom	-10.023560241834	Nominal Dec [deg]
roll_nom	271.70373803519	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8273.9511889815	Sum of GTIs [s]
livetime	8169.1814370514	Livetime [s]
ontime0	8273.9101489782	Sum of GTIs [s]
ontime1	8273.8691089749	Sum of GTIs [s]
ontime2	8273.8280689716	Sum of GTIs [s]
ontime3	8273.9922289848	Sum of GTIs [s]
ontime6	8273.7870289981	Sum of GTIs [s]
ontime7	8273.9511889815	Sum of GTIs [s]
l2events	943635	Number of level 2 events

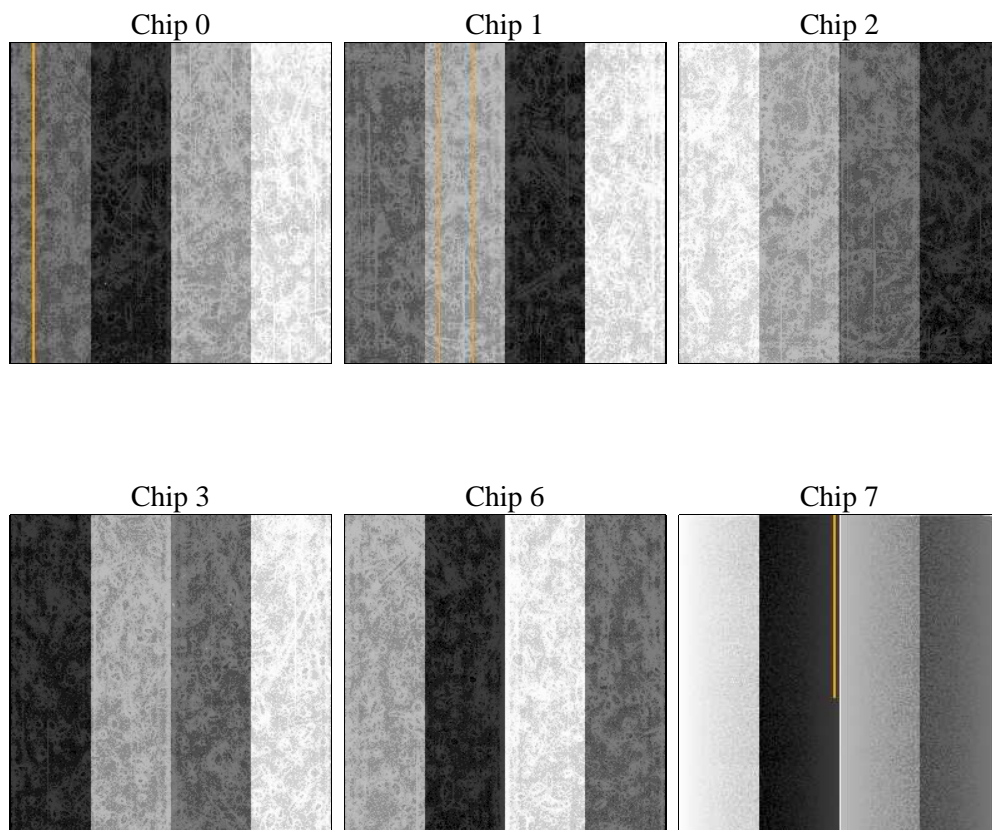
2 OBI

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	8273.9511889815	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8273.9101489782	Sum of GTIs [s]
date	2012-03-29T15:40:41	Date and time of file creation	ontime1	8273.8691089749	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8273.8280689716	Sum of GTIs [s]
			ontime3	8273.9922289848	Sum of GTIs [s]
			ontime6	8273.7870289981	Sum of GTIs [s]
			ontime7	8273.9511889815	Sum of GTIs [s]
			l1events	1401884	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	225257	227130	231236	232170	236457	249634	grade 0 events	87091	85967	89327	90306	88395	42000
rejected events	67107	67175	71953	71434	71106	59694		38%	37%	38%	38%	37%	16%
rejected %	29%	29%	31%	30%	30%	23%	grade 1 events	538	488	662	644	477	168
								0%	0%	0%	0%	0%	0%
							grade 2 events	27428	29357	26394	26922	29141	41491
								12%	12%	11%	11%	12%	16%
							grade 3 events	10226	10474	10471	10704	10297	18264
								4%	4%	4%	4%	4%	7%
							grade 4 events	10150	10256	10604	10504	10334	17954
								4%	4%	4%	4%	4%	7%
							grade 5 events	3676	3858	3533	4006	4137	9696
								1%	1%	1%	1%	1%	3%
							grade 6 events	23255	23901	22487	22300	27184	70231
								10%	10%	9%	9%	11%	28%
							grade 7 events	62893	62829	67758	66784	66492	49830
								27%	27%	29%	28%	28%	19%

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	164.0165111776525	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-10.02356024183406	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	271.7037380351867			
[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)	260936728.072131	260936727.04714			
Observation start date	2006-04-09T02:25:28	2006-04-09T02:25:27			
[s] Observation end time (MET)	260959241.173179	260959240.14819			
Observation end date	2006-04-09T08:40:41	2006-04-09T08:40:40			
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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2739511889815

A.2 Comments