

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58856 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 6 2012

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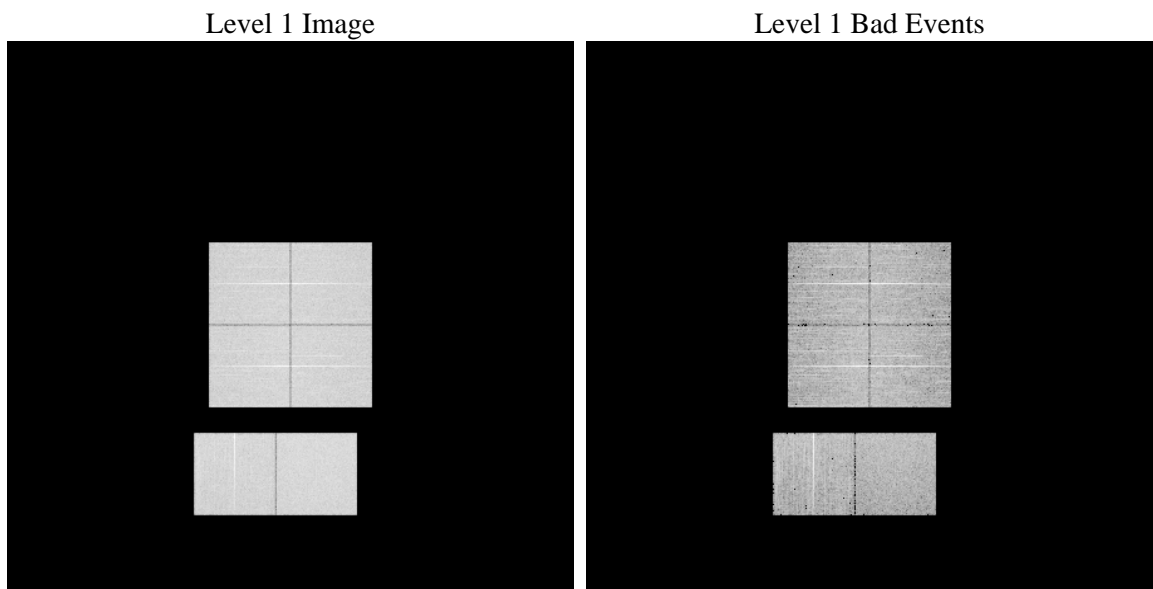
1 Front

seq_num	 	Sequence number
obs_id	58856	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	350.97886445043	Nominal RA [deg]
dec_nom	-12.980098026467	Nominal Dec [deg]
roll_nom	103.12942035152	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6626.1293593645	Sum of GTIs [s]
livetime	6542.2253196401	Livetime [s]
ontime0	6626.0883193612	Sum of GTIs [s]
ontime1	6626.0472793579	Sum of GTIs [s]
ontime2	6622.7652590871	Sum of GTIs [s]
ontime3	6626.1703993678	Sum of GTIs [s]
ontime6	6625.9651993513	Sum of GTIs [s]
ontime7	6626.1293593645	Sum of GTIs [s]
l2events	710268	Number of level 2 events

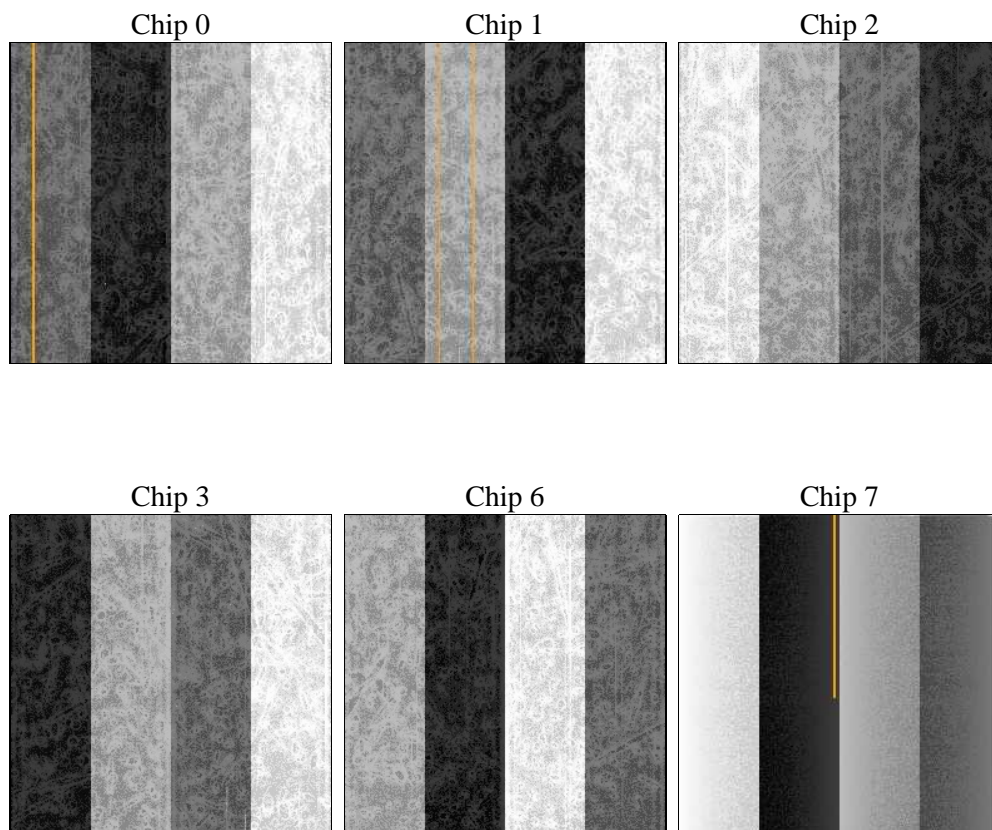
2 OBI

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	8.4.3.1	Processing system revision	ontime	6626.1293593645	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6626.0883193612	Sum of GTIs [s]
date	2012-04-06T06:35:24	Date and time of file creation	ontime1	6626.0472793579	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6622.7652590871	Sum of GTIs [s]
			ontime3	6626.1703993678	Sum of GTIs [s]
			ontime6	6625.9651993513	Sum of GTIs [s]
			ontime7	6626.1293593645	Sum of GTIs [s]
			l1events	1071469	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	171656	170486	179375	175610	180705	193637	grade 0 events	64816	64676	66601	66461	67432	32419
rejected events	52667	51363	59055	55949	55640	48461		37%	37%	37%	37%	37%	16%
rejected %	30%	30%	32%	31%	30%	25%	grade 1 events	414	392	477	500	396	141
								0%	0%	0%	0%	0%	0%
							grade 2 events	21184	21527	20612	20504	21760	31554
								12%	12%	11%	11%	12%	16%
							grade 3 events	7768	7577	7948	8175	7931	14273
								4%	4%	4%	4%	4%	7%
							grade 4 events	7786	7709	7963	7915	8001	14016
								4%	4%	4%	4%	4%	7%
							grade 5 events	3030	3196	2930	3393	3429	8210
								1%	1%	1%	1%	1%	4%
							grade 6 events	17499	17701	17254	16673	19993	52999
								10%	10%	9%	9%	11%	27%
							grade 7 events	49159	47708	55590	51989	51763	40025
								28%	27%	30%	29%	28%	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	350.9788644504283	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-12.98009802646704	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	103.1294203515174			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	270718807.829283	270718806.80428			
Observation start date	2006-07-31T07:40:08	2006-07-31T07:40:06			
[s] Observation end time (MET)	270737829.780176	270737828.75517			
Observation end date	2006-07-31T12:57:10	2006-07-31T12:57:08			
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)	2012.04.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6261293593645

A.2 Comments