

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57964 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 9 2012

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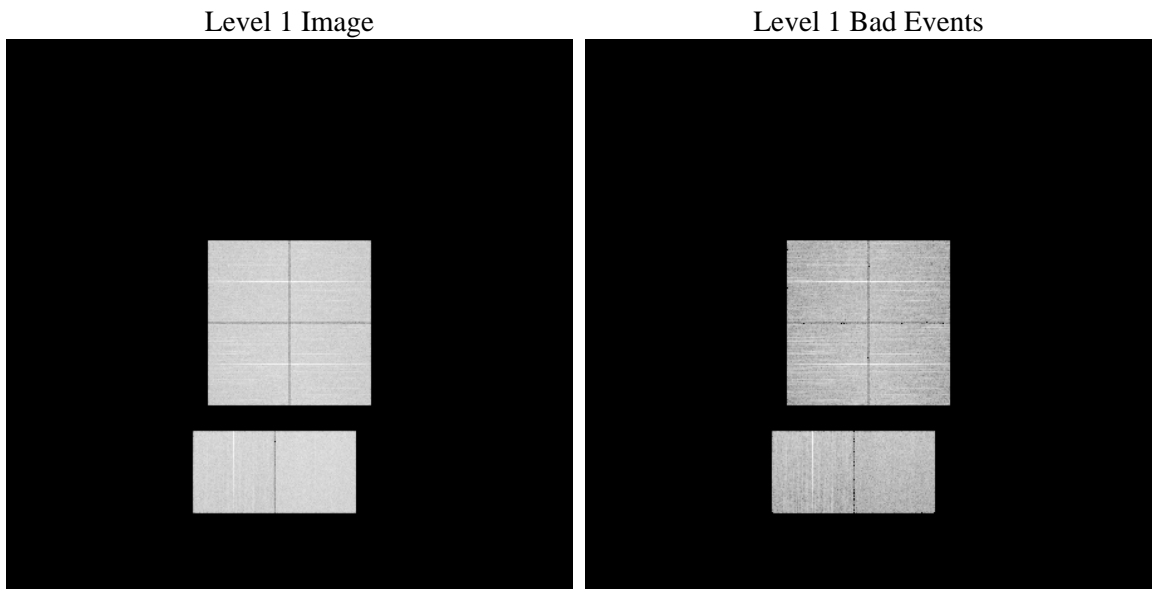
1 Front

seq_num	 	Sequence number
obs_id	57964	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	159.9507962995	Nominal RA [deg]
dec_nom	36.963045351309	Nominal Dec [deg]
roll_nom	152.52575459818	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8089.5999699235	Sum of GTIs [s]
livetime	7987.164584132	Livetime [s]
ontime0	8089.5999699235	Sum of GTIs [s]
ontime1	8089.5999699235	Sum of GTIs [s]
ontime2	8086.3589597344	Sum of GTIs [s]
ontime3	8089.5999699235	Sum of GTIs [s]
ontime6	8089.5999699235	Sum of GTIs [s]
ontime7	8089.5999699235	Sum of GTIs [s]
l2events	614946	Number of level 2 events

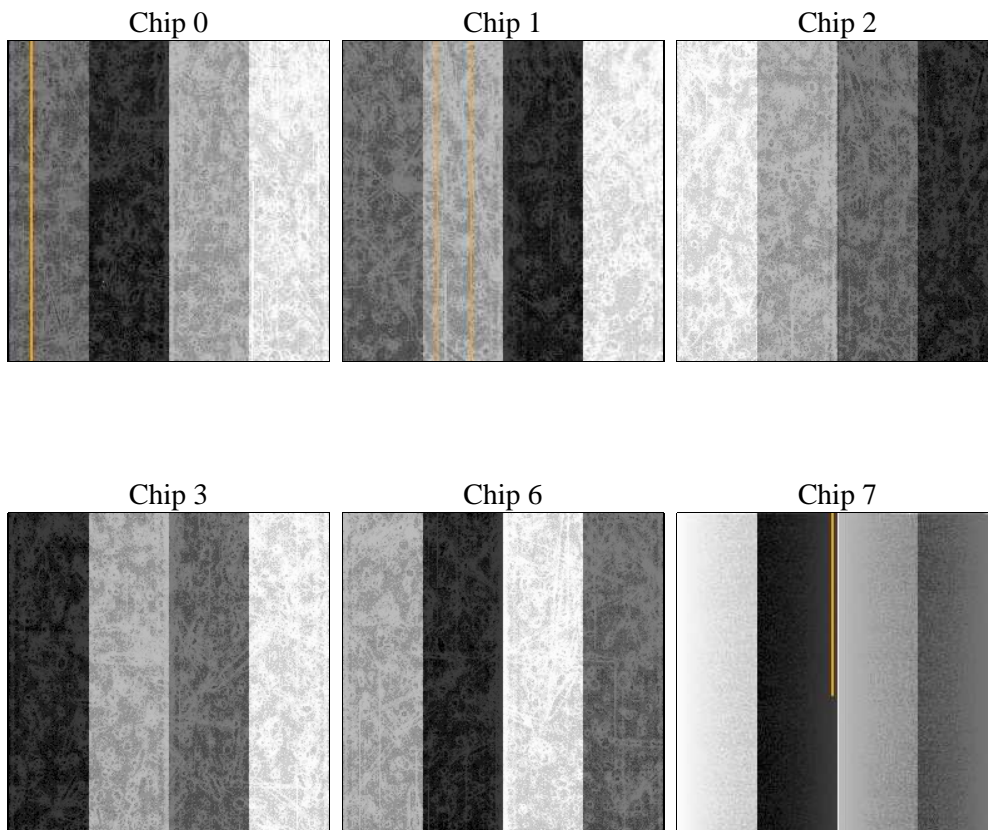
2 OBI

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	8.4.4	Processing system revision	ontime	8089.5999699235	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	8089.5999699235	Sum of GTIs [s]
date	2012-05-09T21:38:46	Date and time of file creation	ontime1	8089.5999699235	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8086.3589597344	Sum of GTIs [s]
			ontime3	8089.5999699235	Sum of GTIs [s]
			ontime6	8089.5999699235	Sum of GTIs [s]
			ontime7	8089.5999699235	Sum of GTIs [s]
			l1events	1076773	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	170607	169084	178161	176932	179477	202512	grade 0 events	55888	55990	56835	57542	57382	27982
rejected events	69324	66737	76722	74609	73929	66754		32%	33%	31%	32%	31%	13%
rejected %	40%	39%	43%	42%	41%	32%	grade 1 events	436	327	439	381	370	164
								0%	0%	0%	0%	0%	0%
							grade 2 events	18374	19284	17836	18099	18893	30146
								10%	11%	10%	10%	10%	14%
							grade 3 events	6974	6831	6974	7058	6888	13430
								4%	4%	3%	3%	3%	6%
							grade 4 events	6886	6761	7066	6973	7013	13025
								4%	3%	3%	3%	3%	6%
							grade 5 events	3913	4089	3768	4223	4188	10696
								2%	2%	2%	2%	2%	5%
							grade 6 events	15517	15843	15080	15028	17777	54290
								9%	9%	8%	8%	9%	26%
							grade 7 events	62619	59959	70163	67628	66966	52779
								36%	35%	39%	38%	37%	26%

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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	159.950797498431	159.9507962995004	Subarray requested	NONE	NONE
[deg] Pointing Dec	36.9630481521155	36.96304535130938	Alternating exposures requested	N	N
[deg] Pointing Roll	152.5257432387724	152.5257545981815	[s] Primary exposure time	3.2	3.2
[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)	319413255.553526	319413255.553526			
Observation start date	2008-02-14T22:35:00	2008-02-14T21:54:15			
[s] Observation end time (MET)	319442883.662686	319442883.662686			
Observation end date	2008-02-14T22:35:00	2008-02-15T06:08:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0895999699235

A.2 Comments