

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57244 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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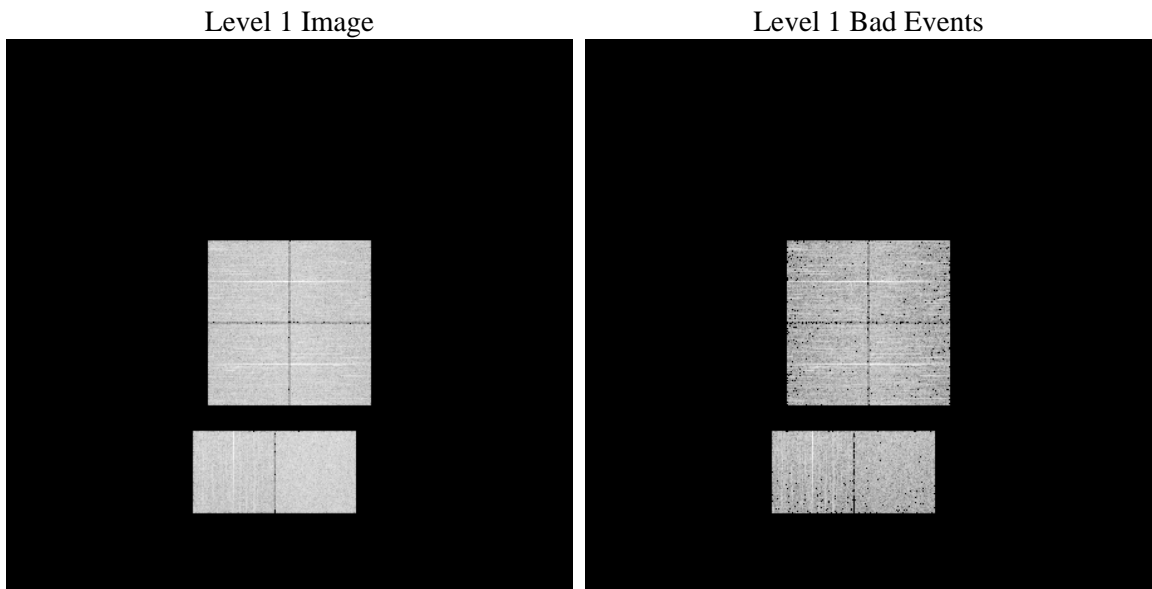
1 Front

seq_num	 	Sequence number
obs_id	57244	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	193.78916051434	Nominal RA [deg]
dec_nom	0.026592271627626	Nominal Dec [deg]
roll_nom	79.269042436337	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3276.6559423208	Sum of GTIs [s]
livetime	3235.1649518138	Livetime [s]
ontime0	3276.6149023175	Sum of GTIs [s]
ontime1	3276.5738623142	Sum of GTIs [s]
ontime2	3276.5328223109	Sum of GTIs [s]
ontime3	3276.6712629795	Sum of GTIs [s]
ontime6	3276.4917823076	Sum of GTIs [s]
ontime7	3276.6559423208	Sum of GTIs [s]
l2events	200481	Number of level 2 events

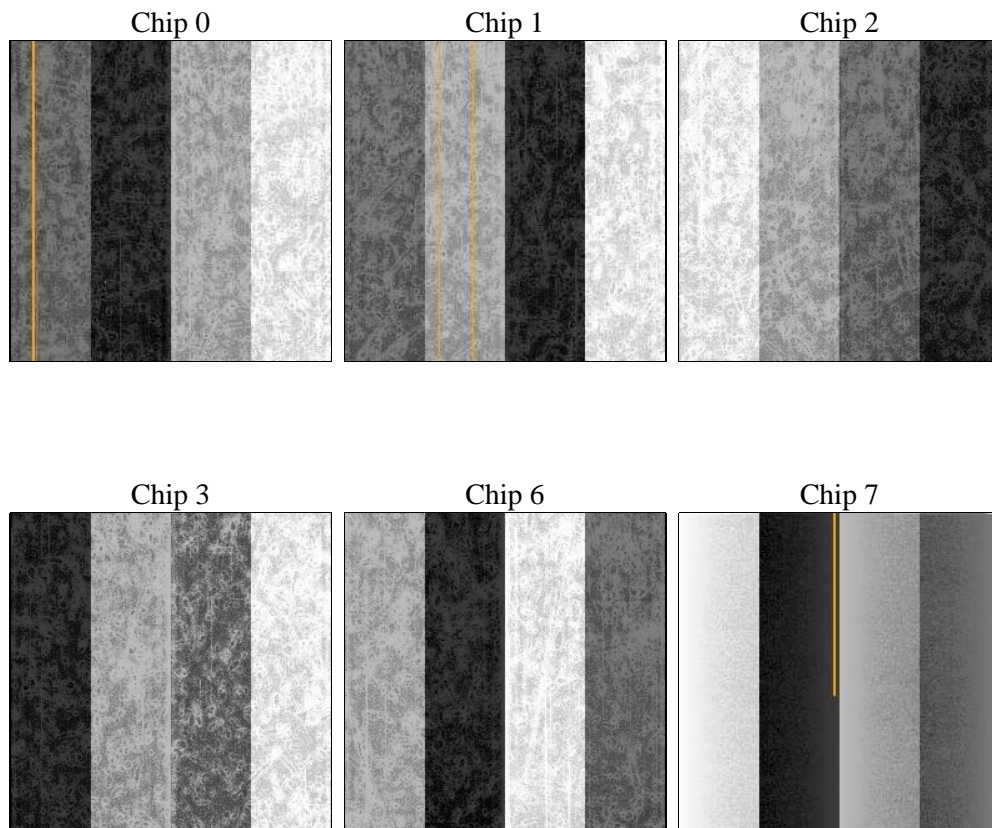
2 OBI

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	8.4.4	Processing system revision	ontime	3276.6559423208	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	3276.6149023175	Sum of GTIs [s]
date	2012-06-02T07:20:40	Date and time of file creation	ontime1	3276.5738623142	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3276.5328223109	Sum of GTIs [s]
			ontime3	3276.6712629795	Sum of GTIs [s]
			ontime6	3276.4917823076	Sum of GTIs [s]
			ontime7	3276.6559423208	Sum of GTIs [s]
			l1events	392196	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	62968	61428	63155	64978	64736	74931	grade 0 events	17633	16855	17892	17735	17705	9026
rejected events	30186	29173	30310	32467	30994	27191		28%	27%	28%	27%	27%	12%
rejected %	47%	47%	47%	49%	47%	36%	grade 1 events	108	100	143	145	121	73
								0%	0%	0%	0%	0%	0%
							grade 2 events	5874	6079	5784	5726	6031	10285
								9%	9%	9%	8%	9%	13%
							grade 3 events	2171	2158	2231	2262	2258	4516
								3%	3%	3%	3%	3%	6%
							grade 4 events	2099	2109	2245	2206	2274	4505
								3%	3%	3%	3%	3%	6%
							grade 5 events	1629	1691	1546	1790	1860	4564
								2%	2%	2%	2%	2%	6%
							grade 6 events	5005	5054	4693	4582	5474	19408
								7%	8%	7%	7%	8%	25%
							grade 7 events	28449	27382	28621	30532	29013	22554
								45%	44%	45%	46%	44%	30%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	193.7891605143355	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.02659227162762584	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	79.26904243633712	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	352975270.161078	352975269.13609			
Observation start date	2009-03-09T08:41:10	2009-03-09T08:41:09			
[s] Observation end time (MET)	353002658.162438	353002657.13745			
Observation end date	2009-03-09T16:17:38	2009-03-09T16:17:37			
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2766559423208

A.2 Comments