

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56742 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 14 2012

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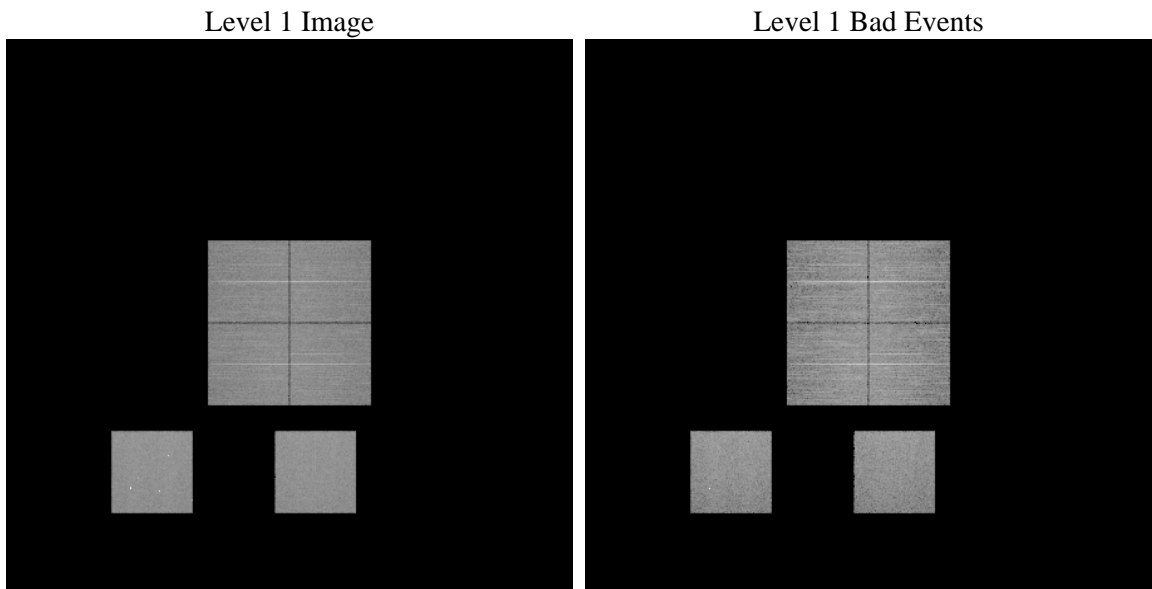
1 Front

seq_num	 	Sequence number
obs_id	56742	Observation id
title	ACIS-012357 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	30.326745804526	Nominal RA [deg]
dec_nom	-21.577921357325	Nominal Dec [deg]
roll_nom	10.273888876708	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime0	8271.999969244	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8271.999969244	Sum of GTIs [s]
ontime3	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	491407	Number of level 2 events

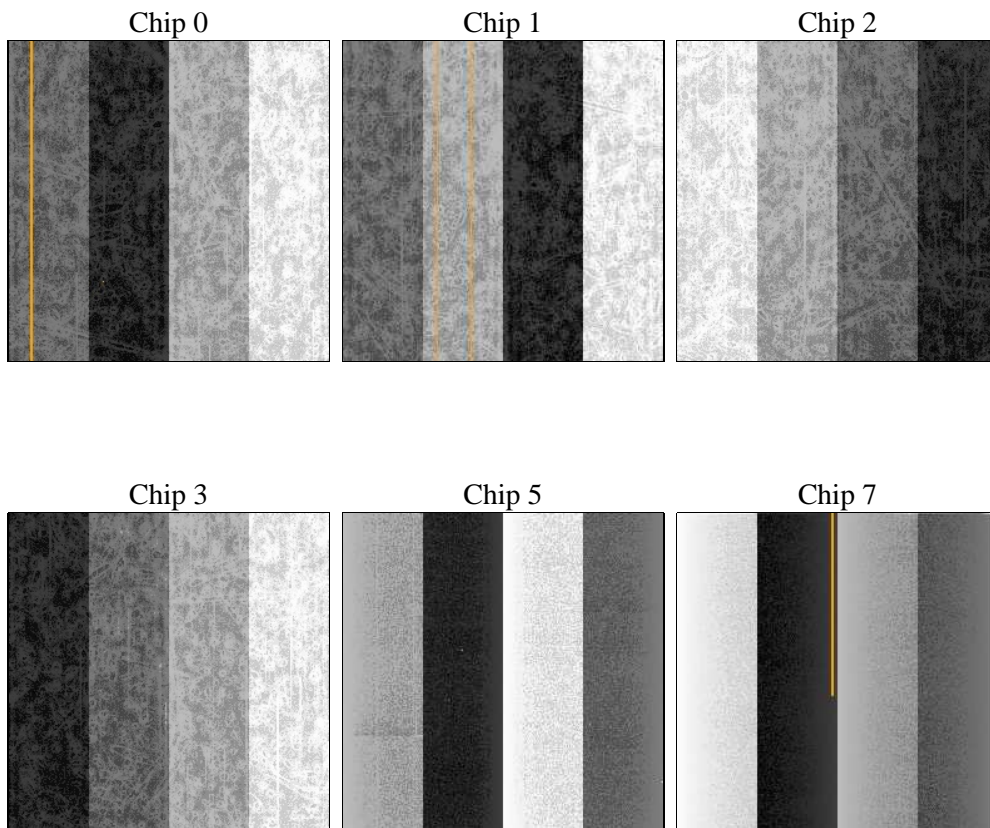
2 OBI

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	8.4.5	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8271.999969244	Sum of GTIs [s]
date	2012-06-15T01:11:17	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.999969244	Sum of GTIs [s]
			ontime3	8271.999969244	Sum of GTIs [s]
			ontime5	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	981265	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	147103	149383	152620	154278	191865	186016	grade 0 events	38534	38371	39375	39636	17846	20521
rejected events	74702	75782	80156	80830	76522	73513		26%	25%	25%	25%	9%	11%
rejected %	50%	50%	52%	52%	39%	39%	grade 1 events	299	266	350	333	231	150
								0%	0%	0%	0%	0%	0%
							grade 2 events	13141	13900	12490	12887	40459	24377
								8%	9%	8%	8%	21%	13%
							grade 3 events	4905	4954	4942	5102	5453	10326
								3%	3%	3%	3%	2%	5%
							grade 4 events	4804	4807	4977	5075	4900	10257
								3%	3%	3%	3%	2%	5%
							grade 5 events	4143	4463	3940	4729	10577	12058
								2%	2%	2%	3%	5%	6%
							grade 6 events	11051	11607	10707	10777	46741	47070
								7%	7%	7%	6%	24%	25%
							grade 7 events	70226	71015	75839	75739	65658	61257
								47%	47%	49%	49%	34%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	30.32674580452564	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-21.57792135732472	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	10.27388887670812	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	372393553.781527	372393552.75652			
Observation start date	2009-10-20T02:39:14	2009-10-20T02:39:12			
[s] Observation end time (MET)	372414170.632565	372414169.60756			
Observation end date	2009-10-20T08:22:51	2009-10-20T08:22:49			
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)	2012.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments