

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58273 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 29 2012

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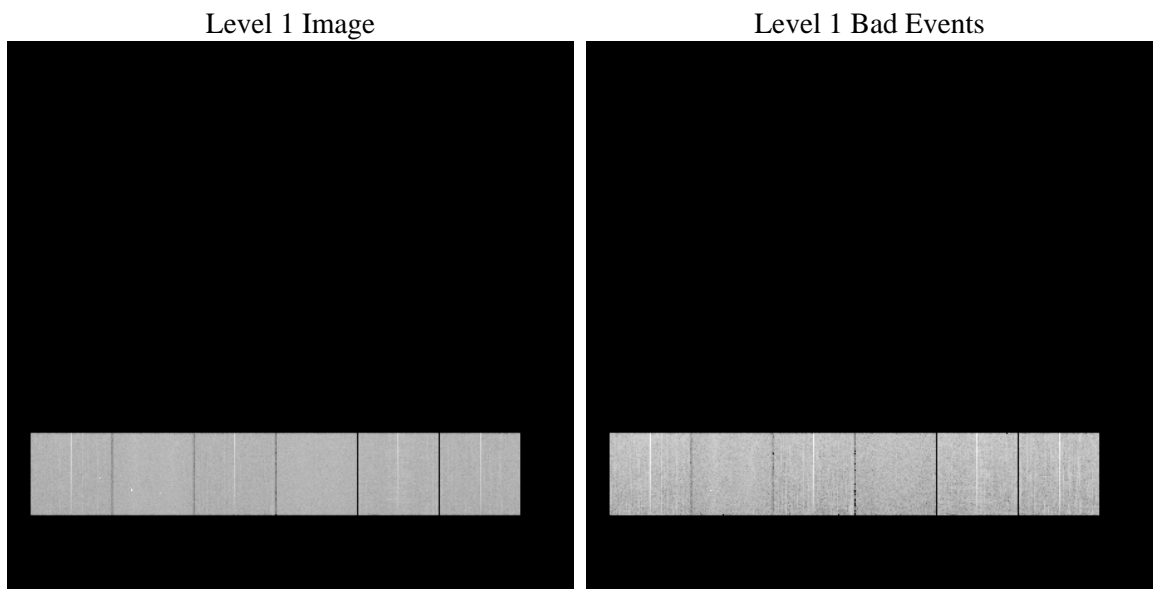
1 Front

seq_num	 	Sequence number
obs_id	58273	Observation id
title	ACIS-456789 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	346.98927711861	Nominal RA [deg]
dec_nom	-25.472967266751	Nominal Dec [deg]
roll_nom	76.828337734137	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8191.646066606	Sum of GTIs [s]
livetime	8087.9185116936	Livetime [s]
ontime4	8191.5229465961	Sum of GTIs [s]
ontime5	8191.6050266027	Sum of GTIs [s]
ontime6	8191.5639865994	Sum of GTIs [s]
ontime7	8191.646066606	Sum of GTIs [s]
ontime8	8188.2408964038	Sum of GTIs [s]
ontime9	8191.6871066093	Sum of GTIs [s]
l2events	712787	Number of level 2 events

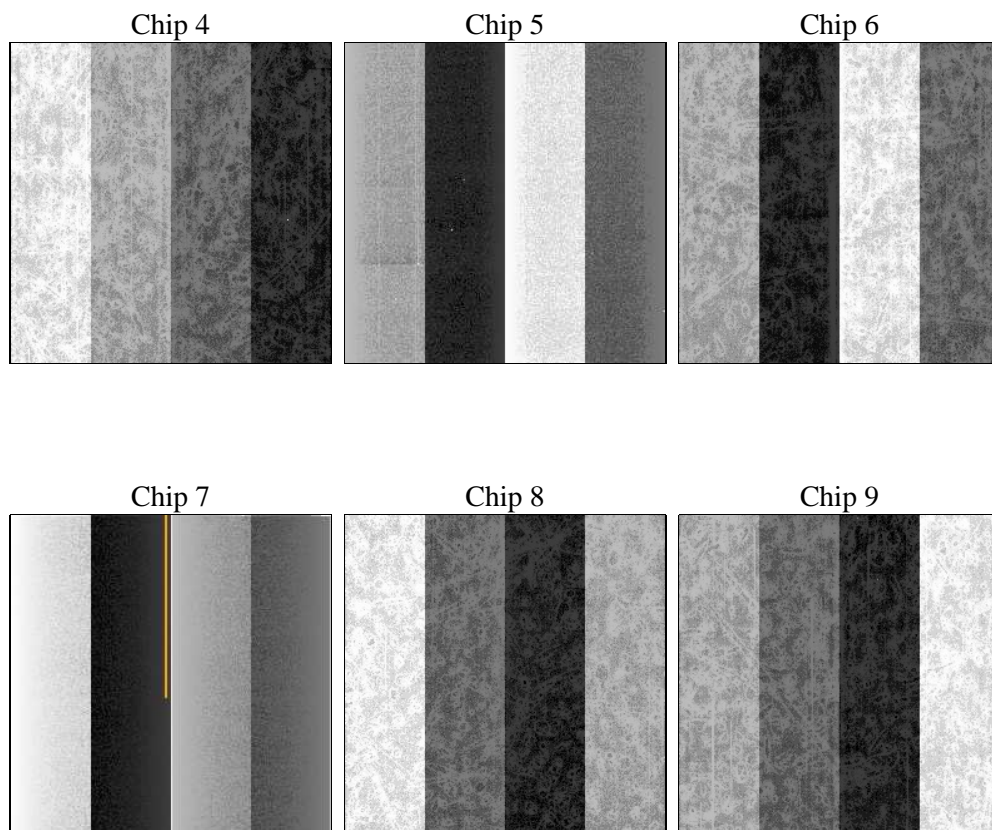
2 OBI

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	8191.646066606	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8191.5229465961	Sum of GTIs [s]
date	2012-04-29T04:24:30	Date and time of file creation	ontime5	8191.6050266027	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8191.5639865994	Sum of GTIs [s]
			ontime7	8191.646066606	Sum of GTIs [s]
			ontime8	8188.2408964038	Sum of GTIs [s]
			ontime9	8191.6871066093	Sum of GTIs [s]
			l1events	1239096	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	198126	216262	197405	214842	214415	198046	grade 0 events	65935	19229	61429	30086	68792	63674
rejected events	87306	74810	78976	66803	83816	82501		33%	8%	31%	14%	32%	32%
rejected %	44%	34%	40%	31%	39%	41%	grade 1 events	726	240	318	178	398	426
								0%	0%	0%	0%	0%	0%
							grade 2 events	16141	56025	23805	33339	23626	19696
								8%	25%	12%	15%	11%	9%
							grade 3 events	7843	6224	7122	13814	8923	7570
								3%	2%	3%	6%	4%	3%
							grade 4 events	7728	5641	7040	13403	8835	7487
								3%	2%	3%	6%	4%	3%
							grade 5 events	3898	8935	4141	10088	5176	4676
								1%	4%	2%	4%	2%	2%
							grade 6 events	14260	55824	20246	58897	21849	18271
								7%	25%	10%	27%	10%	9%
							grade 7 events	81595	64144	73304	55037	76816	76246
								41%	29%	37%	25%	35%	38%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	346.9892771186117	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.47296726675088	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	76.82833773413657			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	302959907.609172	302959906.58417			
Observation start date	2007-08-08T11:31:48	2007-08-08T11:31:46			
[s] Observation end time (MET)	302994868.310849	302994867.28585			
Observation end date	2007-08-08T21:14:28	2007-08-08T21:14:27			
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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.191646066606

A.2 Comments