

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58144 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 4 2012

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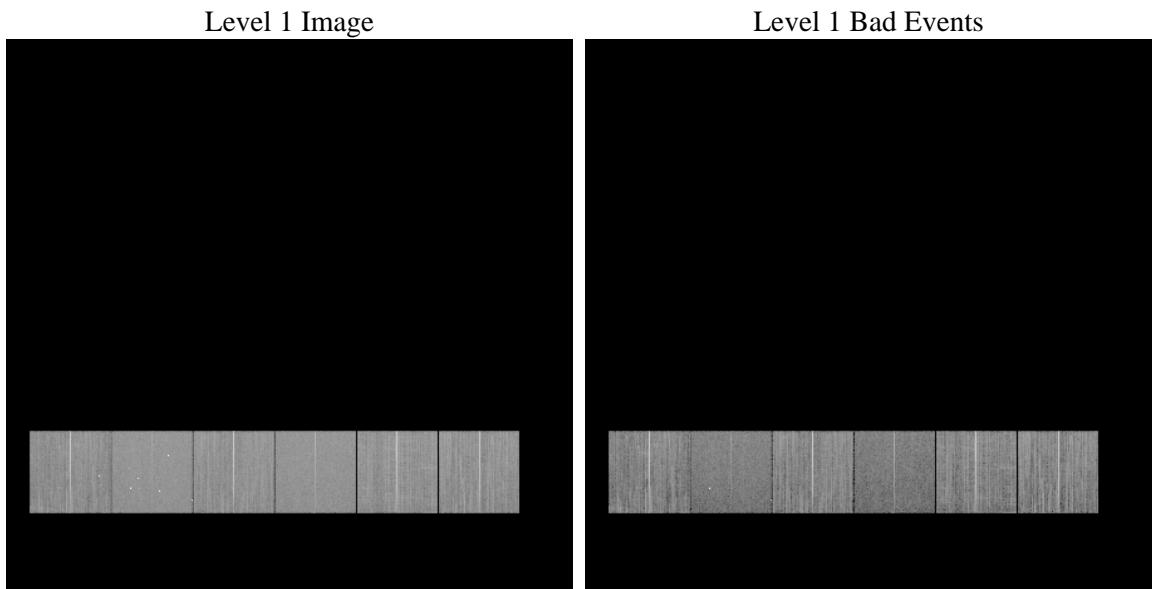
1 Front

seq_num	 	Sequence number
obs_id	58144	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	10.997300594065	Nominal RA [deg]
dec_nom	33.971514063669	Nominal Dec [deg]
roll_nom	238.85685271739	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7883.72940588	Sum of GTIs [s]
livetime	7783.9008771308	Livetime [s]
ontime4	5857.9953259826	Sum of GTIs [s]
ontime5	7883.6883658767	Sum of GTIs [s]
ontime6	6221.0260574222	Sum of GTIs [s]
ontime7	7883.72940588	Sum of GTIs [s]
ontime8	6528.8365582824	Sum of GTIs [s]
ontime9	6059.1001548767	Sum of GTIs [s]
l2events	597763	Number of level 2 events

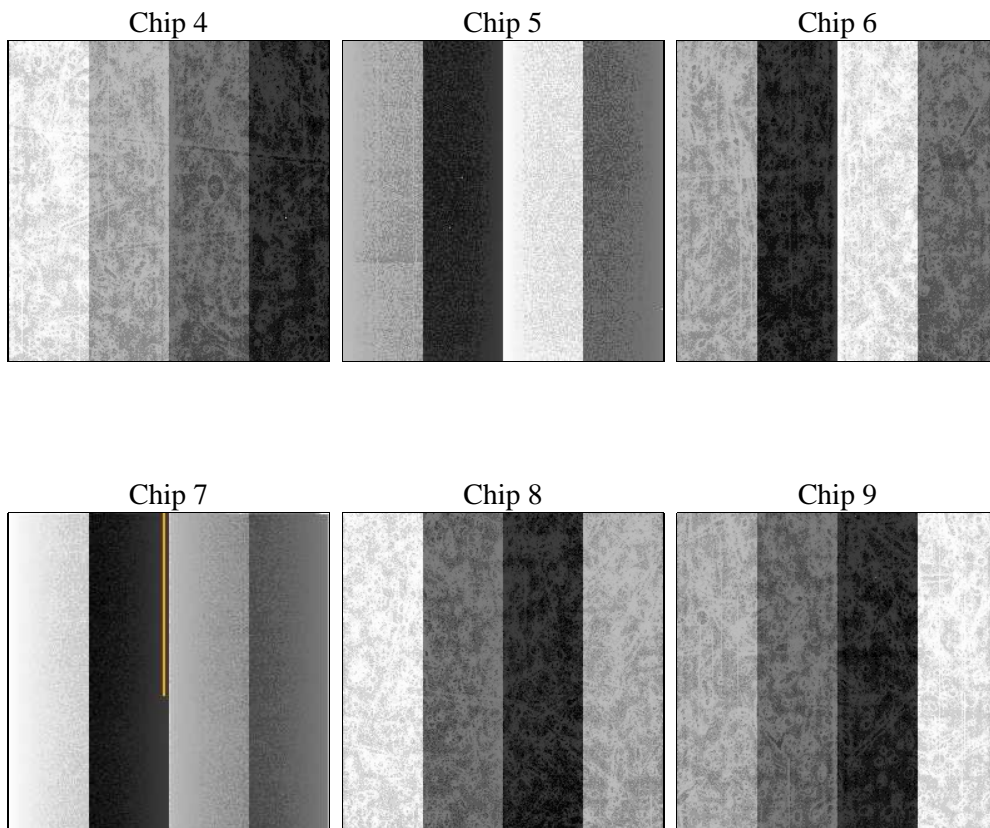
2 OBI

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	7883.72940588	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5857.9953259826	Sum of GTIs [s]
date	2012-05-04T02:41:52	Date and time of file creation	ontime5	7883.6883658767	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6221.0260574222	Sum of GTIs [s]
			ontime7	7883.72940588	Sum of GTIs [s]
			ontime8	6528.8365582824	Sum of GTIs [s]
			ontime9	6059.1001548767	Sum of GTIs [s]
			l1events	1423858	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	215557	249654	240378	235773	248193	234303	grade 0 events	45094	27126	46488	29633	52675	44481
rejected events	135384	102909	151892	88437	145148	151583		20%	10%	19%	12%	21%	18%
rejected %	62%	41%	63%	37%	58%	64%	grade 1 events	460	262	294	162	343	289
								0%	0%	0%	0%	0%	0%
							grade 2 events	14030	54146	16463	35550	19252	14882
								6%	21%	6%	15%	7%	6%
							grade 3 events	5498	6851	5662	13587	7221	5424
								2%	2%	2%	5%	2%	2%
							grade 4 events	5302	6606	5573	13243	7153	5375
								2%	2%	2%	5%	2%	2%
							grade 5 events	3056	9955	3442	10521	4483	3587
								1%	3%	1%	4%	1%	1%
							grade 6 events	10310	52087	14339	55383	16802	12558
								4%	20%	5%	23%	6%	5%
							grade 7 events	131807	92621	148117	77694	140264	147707
								61%	37%	61%	32%	56%	63%

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	10.99730059406494	Alternating exposures requested	N	N
[deg] Pointing Dec	0	33.97151406366871	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	238.8568527173878			
[mm] SIM focus pos	-0.684267	-1.526339935833849			
[mm] SIM defocus	0	0.006996703570447904			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	310471536.420786	310471535.39578			
Observation start date	2007-11-03T10:05:36	2007-11-03T10:05:35			
[s] Observation end time (MET)	310498444.722084	310498443.69708			
Observation end date	2007-11-03T17:34:05	2007-11-03T17:34:03			
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.88372940588

A.2 Comments