

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56469 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

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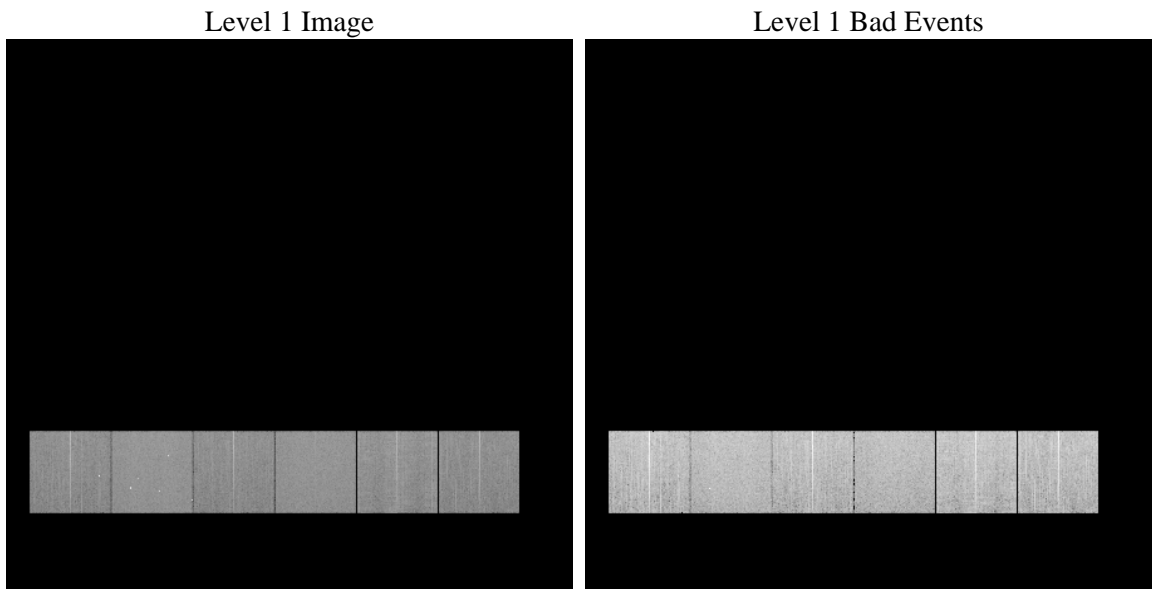
1 Front

seq_num	 	Sequence number
obs_id	56469	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	148.76628090179	Nominal RA [deg]
dec_nom	31.599533422774	Nominal Dec [deg]
roll_nom	148.01816333332	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime4	8275.1999692321	Sum of GTIs [s]
ontime5	8275.1999692321	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
ontime8	8275.1999692321	Sum of GTIs [s]
ontime9	8275.1999692321	Sum of GTIs [s]
l2events	462992	Number of level 2 events

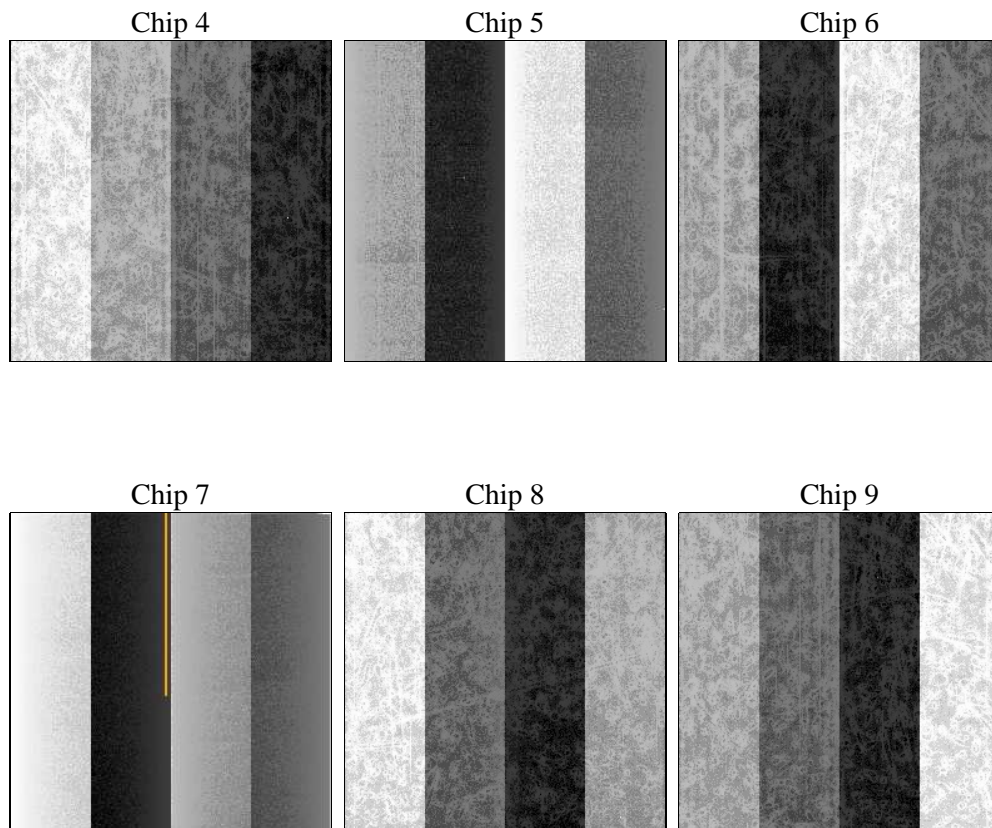
2 OBI

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	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8275.1999692321	Sum of GTIs [s]
date	2012-06-21T03:13:26	Date and time of file creation	ontime5	8275.1999692321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			ontime8	8275.1999692321	Sum of GTIs [s]
			ontime9	8275.1999692321	Sum of GTIs [s]
			l1events	980855	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	150204	186784	147520	177225	171176	147946	grade 0 events	38929	16481	36399	19150	40580	35693
rejected events	82273	75636	77488	70089	86339	80419		25%	8%	24%	10%	23%	24%
rejected %	54%	40%	52%	39%	50%	54%	grade 1 events	411	249	227	175	294	287
								0%	0%	0%	0%	0%	0%
							grade 2 events	10751	38860	12741	23117	16346	11850
								7%	20%	8%	13%	9%	8%
							grade 3 events	4728	5036	4679	9922	6326	4623
								3%	2%	3%	5%	3%	3%
							grade 4 events	4612	4810	4609	9887	6184	4612
								3%	2%	3%	5%	3%	3%
							grade 5 events	4332	10212	4553	11544	6010	4809
								2%	5%	3%	6%	3%	3%
							grade 6 events	8931	45961	11604	45060	15450	10749
								5%	24%	7%	25%	9%	7%
							grade 7 events	77510	65175	72708	58370	79986	75323
								51%	34%	49%	32%	46%	50%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	148.7662809017869	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	31.59953342277411	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	148.018163333324	[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)	381761146.104587	381761145.07957			
Observation start date	2010-02-05T12:45:46	2010-02-05T12:45:45			
[s] Observation end time (MET)	381785625.155816	381785624.13081			
Observation end date	2010-02-05T19:33:45	2010-02-05T19:33:44			
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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments