

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55237 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 20 2012

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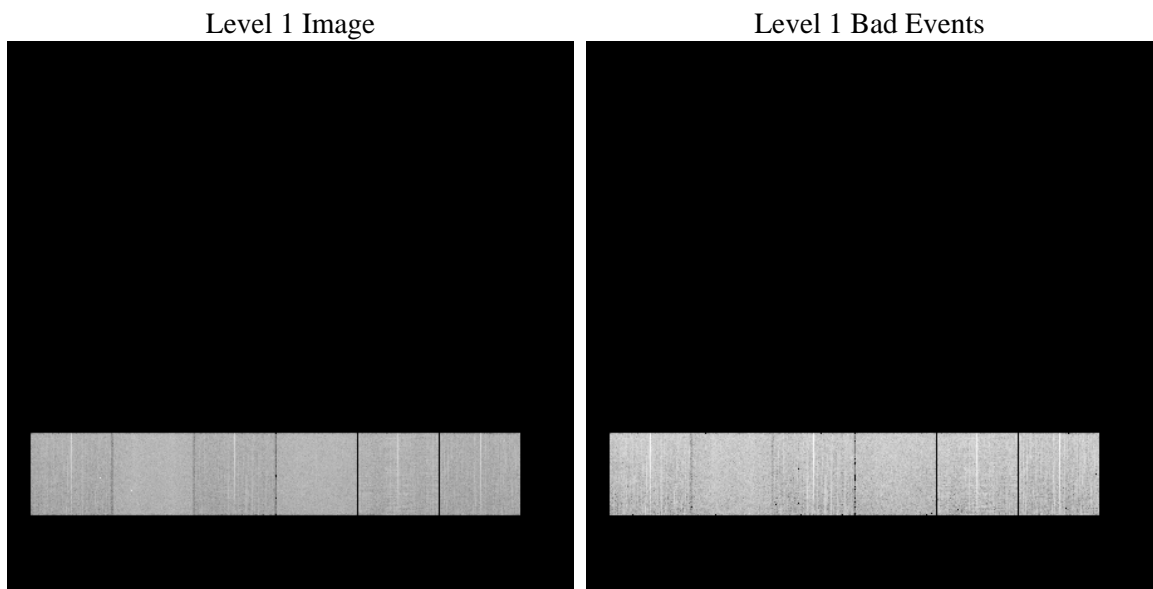
1 Front

seq_num	 	Sequence number
obs_id	55237	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	302.01375273232	Nominal RA [deg]
dec_nom	-11.525323853286	Nominal Dec [deg]
roll_nom	265.10082950469	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime4	8281.5999692082	Sum of GTIs [s]
ontime5	8281.5999692082	Sum of GTIs [s]
ontime6	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
ontime8	8281.5999692082	Sum of GTIs [s]
ontime9	8281.5999692082	Sum of GTIs [s]
l2events	324022	Number of level 2 events

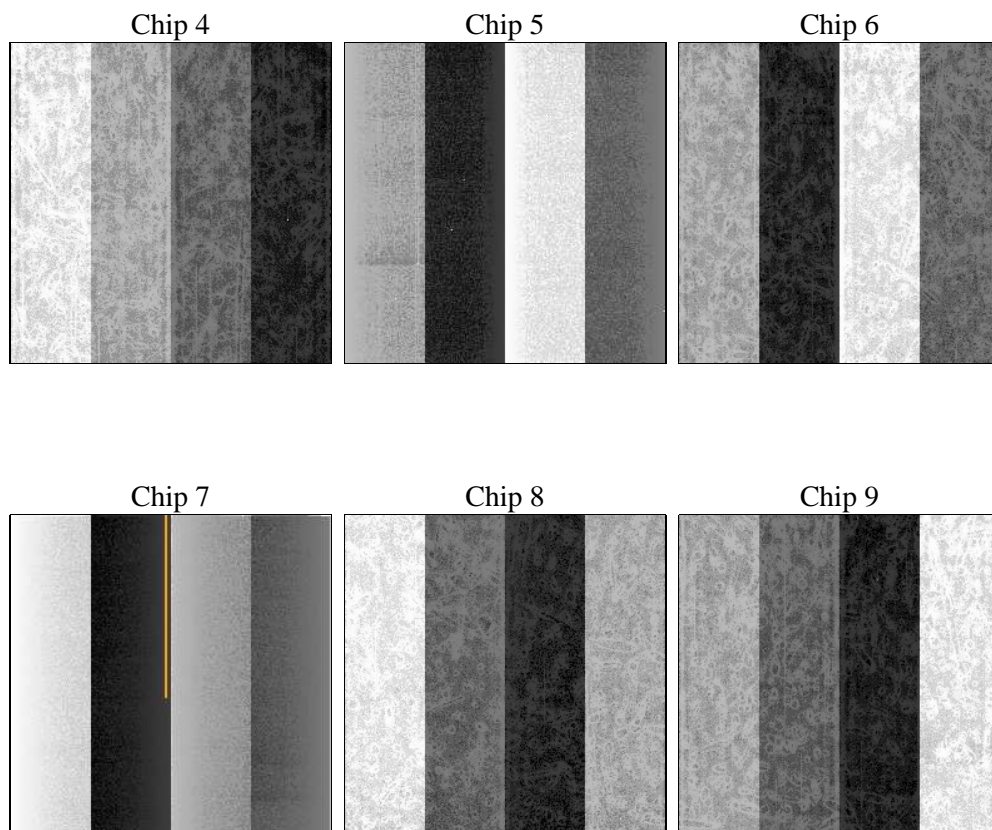
2 OBI

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	8.4.3	Processing system revision	ontime	8281.5999692082	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8281.5999692082	Sum of GTIs [s]
date	2012-02-20T03:59:46	Date and time of file creation	ontime5	8281.5999692082	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			ontime8	8281.5999692082	Sum of GTIs [s]
			ontime9	8281.5999692082	Sum of GTIs [s]
			l1events	727223	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	110167	139069	109252	135066	124373	109296	grade 0 events	26259	7448	23893	12247	28112	24718
rejected events	64620	62023	61220	59595	65622	62262		23%	5%	21%	9%	22%	22%
rejected %	58%	44%	56%	44%	52%	56%	grade 1 events	205	173	133	101	164	169
								0%	0%	0%	0%	0%	0%
							grade 2 events	6911	28775	9749	16696	11565	8368
								6%	20%	8%	12%	9%	7%
							grade 3 events	3271	2585	3018	6354	4199	3181
								2%	1%	2%	4%	3%	2%
							grade 4 events	3198	2504	2926	6355	4160	3139
								2%	1%	2%	4%	3%	2%
							grade 5 events	3528	6988	3391	8781	4732	4038
								3%	5%	3%	6%	3%	3%
							grade 6 events	5925	35755	8471	33855	10744	7642
								5%	25%	7%	25%	8%	6%
							grade 7 events	60870	54841	57671	50677	60697	58041
								55%	39%	52%	37%	48%	53%

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	302.0137527323244	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.5253238532859	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	265.1008295046889	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	430233312.127178	430233311.10215			
Observation start date	2011-08-20T13:15:12	2011-08-20T13:15:11			
[s] Observation end time (MET)	430244617.877771	430244616.85274			
Observation end date	2011-08-20T16:23:38	2011-08-20T16:23:36			
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)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments