

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58235 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

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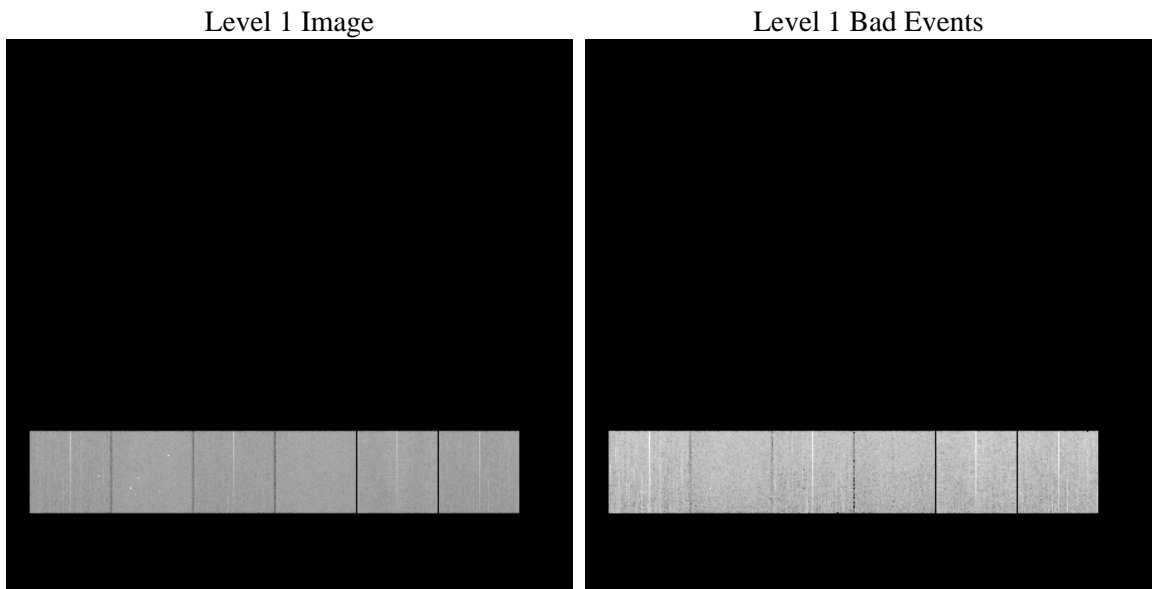
1 Front

seq_num	 	Sequence number
obs_id	58235	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	212.59044067166	Nominal RA [deg]
dec_nom	3.4532809317969	Nominal Dec [deg]
roll_nom	253.26663576921	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7631.1182133555	Sum of GTIs [s]
livetime	7534.4883996303	Livetime [s]
ontime4	7630.9950933456	Sum of GTIs [s]
ontime5	7631.0771733522	Sum of GTIs [s]
ontime6	7627.795143187	Sum of GTIs [s]
ontime7	7631.1182133555	Sum of GTIs [s]
ontime8	7630.9540533423	Sum of GTIs [s]
ontime9	7631.1592533588	Sum of GTIs [s]
l2events	684074	Number of level 2 events

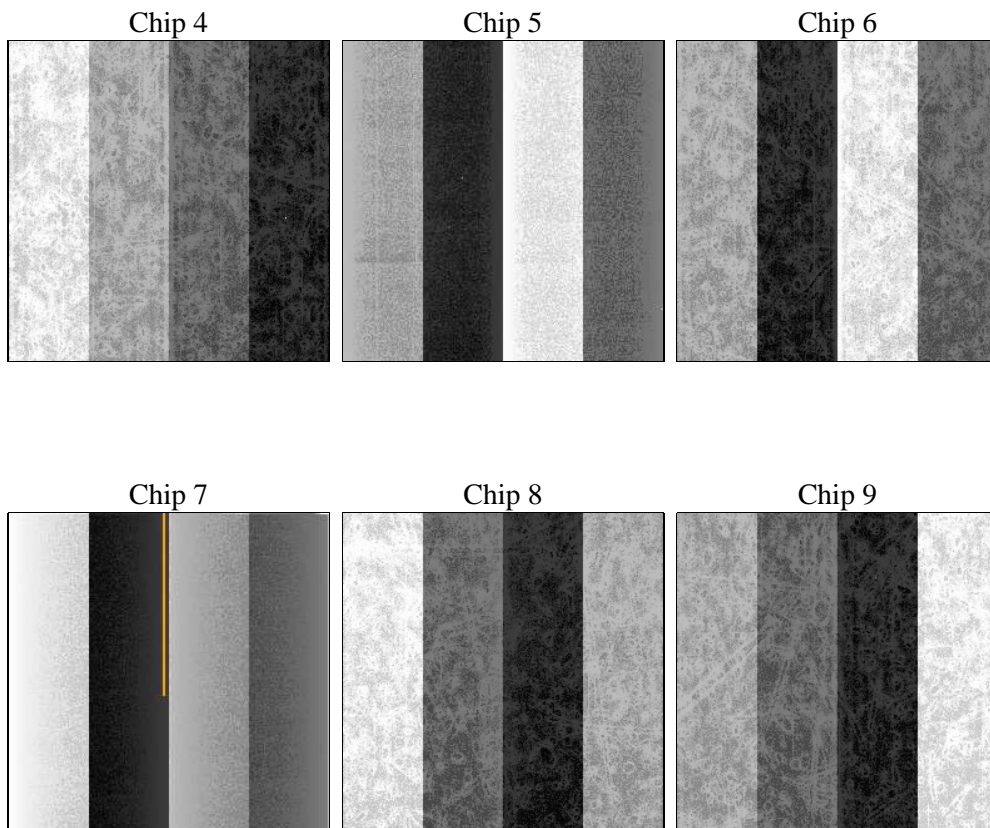
2 OBI

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	7631.1182133555	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7630.9950933456	Sum of GTIs [s]
date	2012-04-30T15:53:57	Date and time of file creation	ontime5	7631.0771733522	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7627.795143187	Sum of GTIs [s]
			ontime7	7631.1182133555	Sum of GTIs [s]
			ontime8	7630.9540533423	Sum of GTIs [s]
			ontime9	7631.1592533588	Sum of GTIs [s]
			l1events	1181710	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	188515	206461	186642	206571	205425	188096	grade 0 events	63093	26797	61883	31177	65913	60959
rejected events	80661	68731	72443	64328	80204	77399		33%	12%	33%	15%	32%	32%
rejected %	42%	33%	38%	31%	39%	41%	grade 1 events	589	289	376	175	393	442
								0%	0%	0%	0%	0%	0%
							grade 2 events	17653	49177	20655	31766	23429	19751
								9%	23%	11%	15%	11%	10%
							grade 3 events	7468	7210	7441	13920	9029	7512
								3%	3%	3%	6%	4%	3%
							grade 4 events	7459	7090	7373	13877	8656	7409
								3%	3%	3%	6%	4%	3%
							grade 5 events	4217	9443	4180	10221	5357	4642
								2%	4%	2%	4%	2%	2%
							grade 6 events	14594	50464	19276	54590	21011	17503
								7%	24%	10%	26%	10%	9%
							grade 7 events	73442	55991	65458	50845	71637	69878
								38%	27%	35%	24%	34%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	212.5904406807677	212.5904406716566
[deg] Pointing Dec	3.45328093552362	3.453280931796922
[deg] Pointing Roll	253.2666357808955	253.266635769212
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	305445545.028588	305445545.028588
Observation start date	2007-09-06T06:30:00	2007-09-06T05:59:05
[s] Observation end time (MET)	305455063.695925	305455063.695925
Observation end date	2007-09-06T06:31:00	2007-09-06T08:37:43
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6311182133555

A.2 Comments