

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56359 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 23 2012

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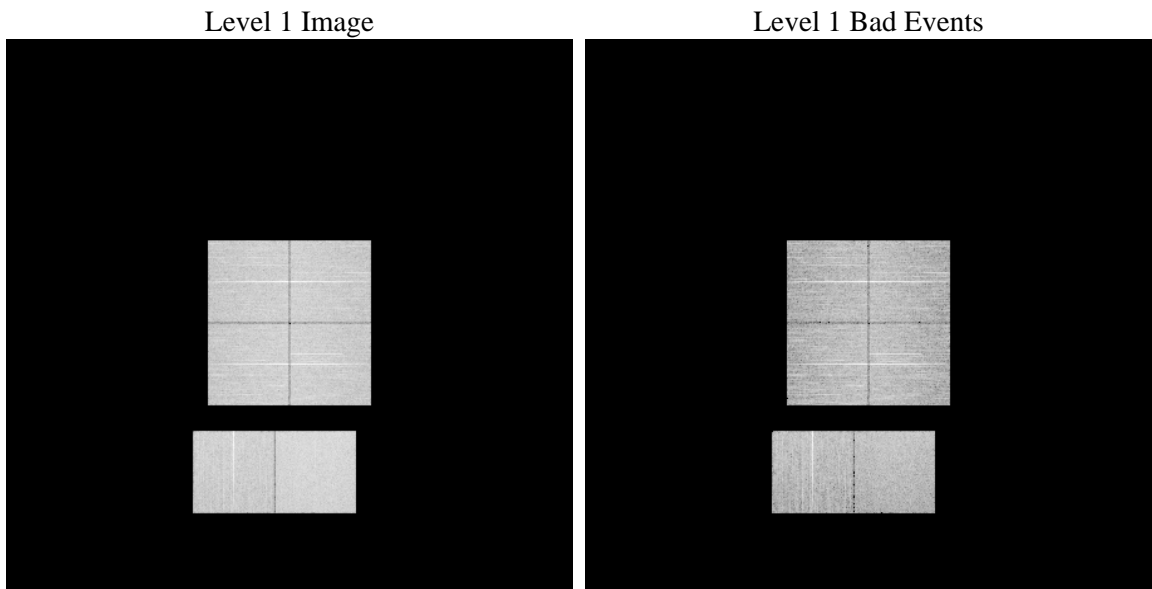
1 Front

seq_num	 	Sequence number
obs_id	56359	Observation id
title	ACIS-012367 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	188.0312386925	Nominal RA [deg]
dec_nom	-28.48444717625	Nominal Dec [deg]
roll_nom	357.43334043121	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8159.2290070653	Sum of GTIs [s]
livetime	8055.91193648	Livetime [s]
ontime0	8155.9469468594	Sum of GTIs [s]
ontime1	8155.9059266448	Sum of GTIs [s]
ontime2	8155.8648668528	Sum of GTIs [s]
ontime3	8156.0290367603	Sum of GTIs [s]
ontime6	8155.8238367438	Sum of GTIs [s]
ontime7	8159.2290070653	Sum of GTIs [s]
l2events	397888	Number of level 2 events

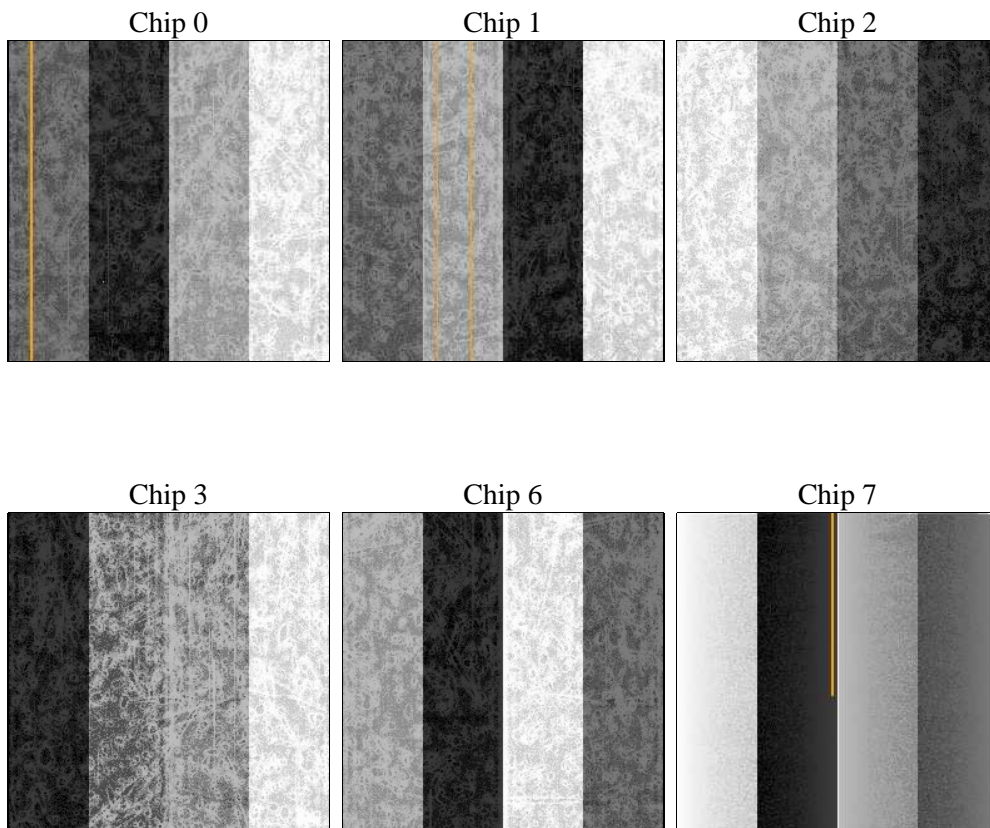
2 OBI

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	8159.2290070653	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8155.9469468594	Sum of GTIs [s]
date	2012-06-23T18:55:38	Date and time of file creation	ontime1	8155.9059266448	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8155.8648668528	Sum of GTIs [s]
			ontime3	8156.0290367603	Sum of GTIs [s]
			ontime6	8155.8238367438	Sum of GTIs [s]
			ontime7	8159.2290070653	Sum of GTIs [s]
			l1events	831259	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	128701	131090	133883	135324	135393	166868	grade 0 events	34050	33076	34470	34910	33922	16964
rejected events	64330	66878	70271	71159	69755	67742		26%	25%	25%	25%	25%	10%
rejected %	49%	51%	52%	52%	51%	40%	grade 1 events	228	200	249	260	188	135
								0%	0%	0%	0%	0%	0%
							grade 2 events	11861	12366	10966	11156	12067	21638
								9%	9%	8%	8%	8%	12%
							grade 3 events	4377	4262	4438	4404	4330	8911
								3%	3%	3%	3%	3%	5%
							grade 4 events	4318	4190	4442	4340	4238	8832
								3%	3%	3%	3%	3%	5%
							grade 5 events	3894	3954	3649	4278	4196	10530
								3%	3%	2%	3%	3%	6%
							grade 6 events	9785	10348	9326	9390	11105	42824
								7%	7%	6%	6%	8%	25%
							grade 7 events	60188	62694	66343	66586	65347	57034
								46%	47%	49%	49%	48%	34%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	188.0312386925033	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-28.48444717625038	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	357.4333404312133	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	386368168.738276	386368167.71327			
Observation start date	2010-03-30T20:29:29	2010-03-30T20:29:27			
[s] Observation end time (MET)	386379777.888866	386379776.86386			
Observation end date	2010-03-30T23:42:58	2010-03-30T23:42:56			
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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1592290070653

A.2 Comments