

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57180 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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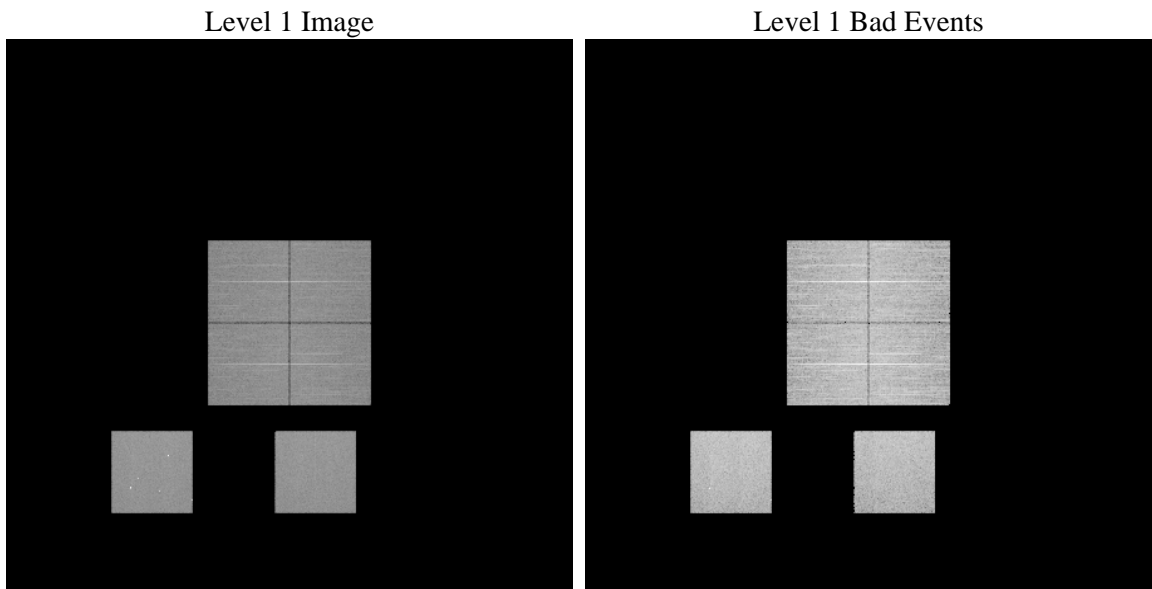
1 Front

seq_num	 	Sequence number
obs_id	57180	Observation id
title	ACIS-012357 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	222.97288653803	Nominal RA [deg]
dec_nom	7.0101014036116	Nominal Dec [deg]
roll_nom	126.65564074388	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8421.0235674977	Sum of GTIs [s]
livetime	8314.3914965544	Livetime [s]
ontime0	8417.7415271401	Sum of GTIs [s]
ontime1	8417.7004871368	Sum of GTIs [s]
ontime2	8420.9004474878	Sum of GTIs [s]
ontime3	8421.064607501	Sum of GTIs [s]
ontime5	8420.8594074845	Sum of GTIs [s]
ontime7	8421.0235674977	Sum of GTIs [s]
l2events	550366	Number of level 2 events

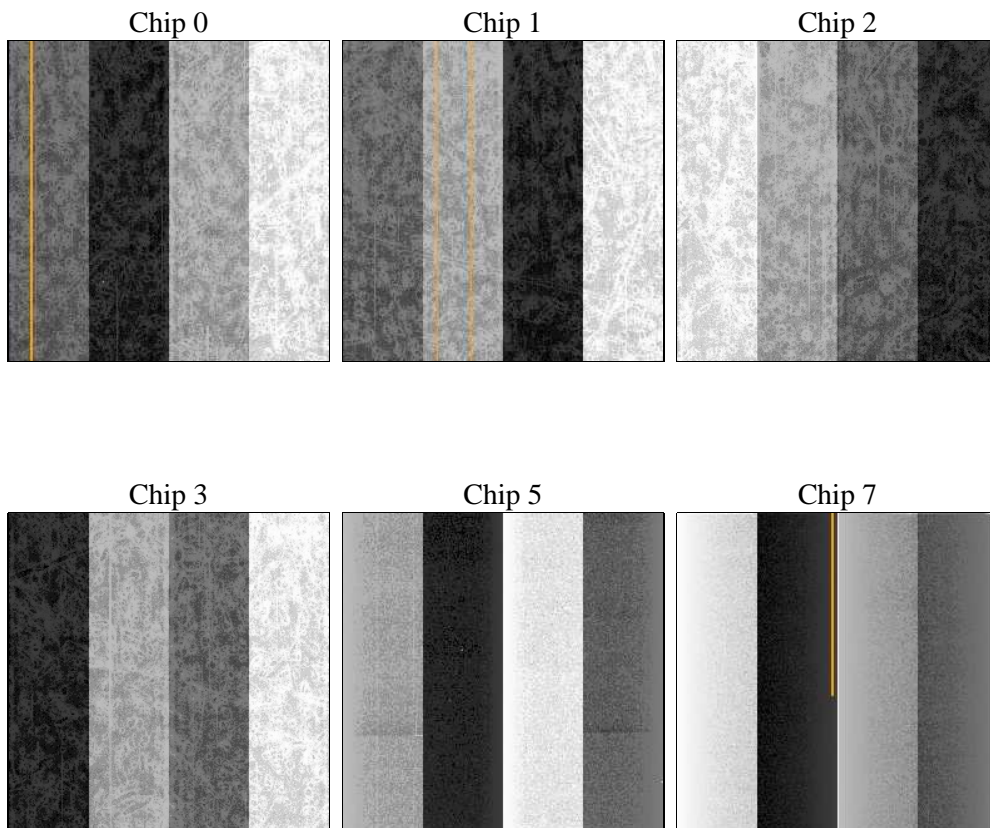
2 OBI

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	8421.0235674977	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8417.7415271401	Sum of GTIs [s]
date	2012-06-04T05:41:13	Date and time of file creation	ontime1	8417.7004871368	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8420.9004474878	Sum of GTIs [s]
			ontime3	8421.064607501	Sum of GTIs [s]
			ontime5	8420.8594074845	Sum of GTIs [s]
			ontime7	8421.0235674977	Sum of GTIs [s]
			l1events	1047993	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	158496	158903	164113	167509	202956	196016	grade 0 events	44456	43909	45125	45646	21033	22839
rejected events	75184	75808	80820	83650	77206	73149		28%	27%	27%	27%	10%	11%
rejected %	47%	47%	49%	49%	38%	37%	grade 1 events	331	283	377	371	257	171
								0%	0%	0%	0%	0%	0%
							grade 2 events	15259	15543	14512	14825	44073	26674
								9%	9%	8%	8%	21%	13%
							grade 3 events	5610	5543	5738	5693	5855	11347
								3%	3%	3%	3%	2%	5%
							grade 4 events	5537	5391	5819	5725	5539	11440
								3%	3%	3%	3%	2%	5%
							grade 5 events	4285	4412	4016	4723	10550	11820
								2%	2%	2%	2%	5%	6%
							grade 6 events	12753	13036	12429	12280	49705	51049
								8%	8%	7%	7%	24%	26%
							grade 7 events	70265	70786	76097	78246	65944	60676
								44%	44%	46%	46%	32%	30%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	222.9728865380279
[deg] Pointing Dec	0	7.010101403611602
[deg] Pointing Roll	0.0	126.6556407438782
[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)	355988637.060889	355988636.0359
Observation start date	2009-04-13T05:43:57	2009-04-13T05:43:56
[s] Observation end time (MET)	355998815.311396	355998814.28641
Observation end date	2009-04-13T08:33:35	2009-04-13T08:33:34
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4210235674977

A.2 Comments