

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59760 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 18 2012

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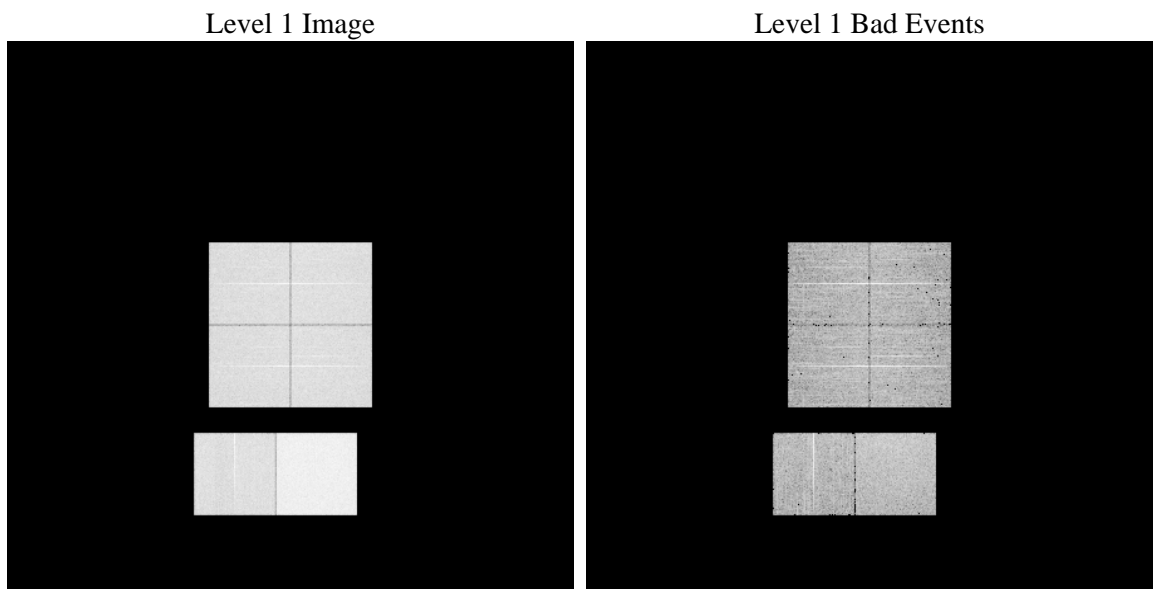
1 Front

seq_num	 	Sequence number
obs_id	59760	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	160.00942778512	Nominal RA [deg]
dec_nom	3.9757268778771	Nominal Dec [deg]
roll_nom	270.12781886469	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7233.6988354921	Sum of GTIs [s]
livetime	7142.1013852266	Livetime [s]
ontime0	4057.5049766004	Sum of GTIs [s]
ontime1	4184.163287729	Sum of GTIs [s]
ontime2	3960.5350635648	Sum of GTIs [s]
ontime3	4028.596306026	Sum of GTIs [s]
ontime6	4044.800450176	Sum of GTIs [s]
ontime7	7233.6988354921	Sum of GTIs [s]
l2events	1028852	Number of level 2 events

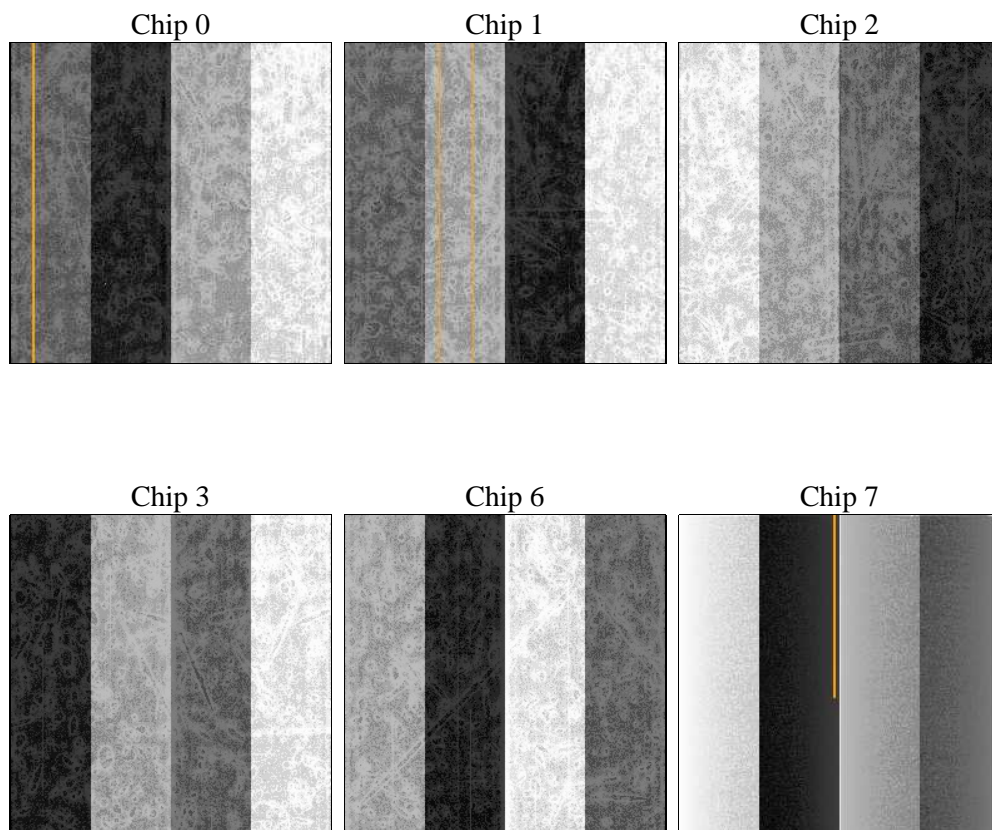
2 OBI

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	8.5.1	Processing system revision	ontime	7233.6988354921	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	4057.5049766004	Sum of GTIs [s]
date	2012-12-18T09:50:49	Date and time of file creation	ontime1	4184.163287729	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3960.5350635648	Sum of GTIs [s]
			ontime3	4028.596306026	Sum of GTIs [s]
			ontime6	4044.800450176	Sum of GTIs [s]
			ontime7	7233.6988354921	Sum of GTIs [s]
			l1events	1321573	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	191454	197786	187297	194169	201263	349604	grade 0 events	81890	83609	81465	83054	81963	76471
rejected events	37559	37632	38527	39938	40788	50674		42%	42%	43%	42%	40%	21%
rejected %	19%	19%	20%	20%	20%	14%	grade 1 events	679	533	756	744	645	259
								0%	0%	0%	0%	0%	0%
							grade 2 events	26152	28671	23955	25491	27159	64618
								13%	14%	12%	13%	13%	18%
							grade 3 events	9693	9857	9390	9808	9594	26776
								5%	4%	5%	5%	4%	7%
							grade 4 events	9520	9889	9393	10038	9946	26521
								4%	4%	5%	5%	4%	7%
							grade 5 events	2207	2246	2100	2351	2381	8395
								1%	1%	1%	1%	1%	2%
							grade 6 events	26640	28128	24567	25840	31813	104544
								13%	14%	13%	13%	15%	29%
							grade 7 events	34673	34853	35671	36843	37762	42020
								18%	17%	19%	18%	18%	12%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	160.0094277851152	Alternating exposures requested	N	N
[deg] Pointing Dec	0	3.975726877877055	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	270.1278188646911			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	226852801.254923	226852800.22993			
Observation start date	2005-03-10T14:40:01	2005-03-10T14:40:00			
[s] Observation end time (MET)	226873299.205851	226873298.18086			
Observation end date	2005-03-10T20:21:39	2005-03-10T20:21:38			
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)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.2336988354921

A.2 Comments