

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58930 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 3 2012

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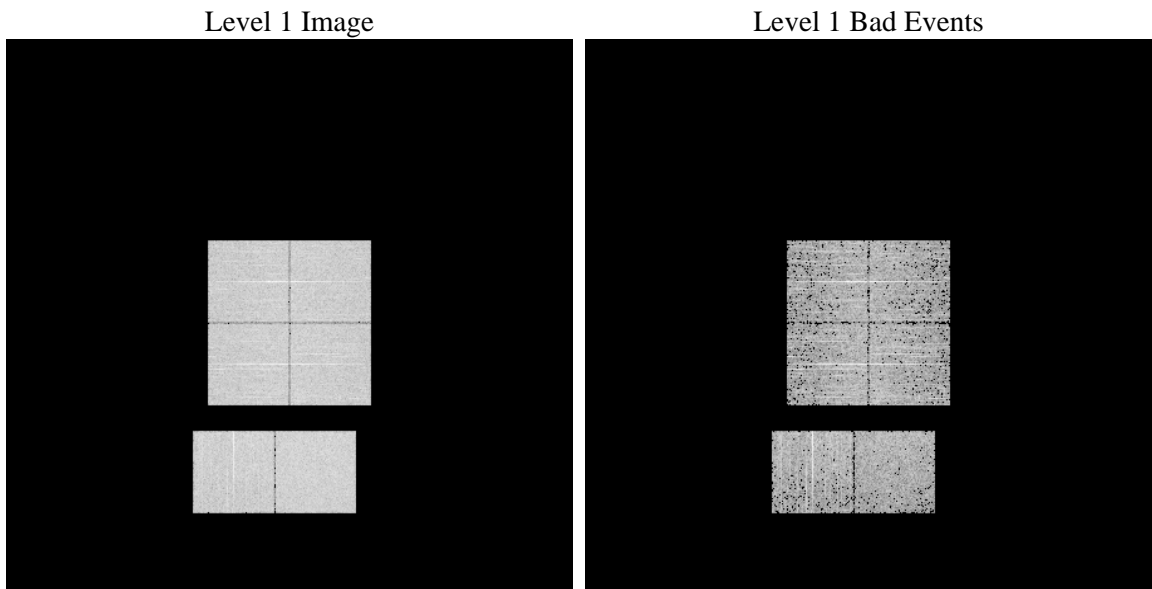
1 Front

seq_num	 	Sequence number
obs_id	58930	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	250.84532408673	Nominal RA [deg]
dec_nom	-51.893920140513	Nominal Dec [deg]
roll_nom	339.36809889481	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2585.5045456588	Sum of GTIs [s]
livetime	2552.7653302978	Livetime [s]
ontime0	2585.4635056555	Sum of GTIs [s]
ontime1	2585.4224656522	Sum of GTIs [s]
ontime2	2585.3814256489	Sum of GTIs [s]
ontime3	2585.5455856621	Sum of GTIs [s]
ontime6	2585.3403856754	Sum of GTIs [s]
ontime7	2585.5045456588	Sum of GTIs [s]
l2events	285841	Number of level 2 events

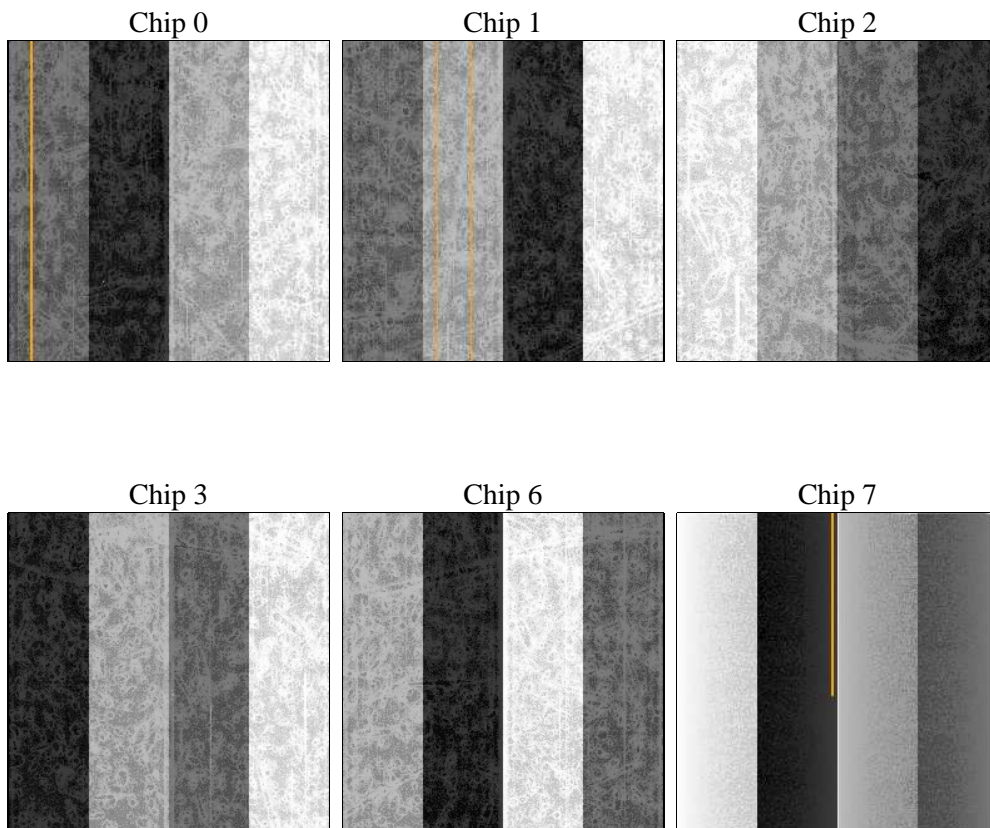
2 OBI

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	2585.5045456588	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	2585.4635056555	Sum of GTIs [s]
date	2012-04-03T12:31:52	Date and time of file creation	ontime1	2585.4224656522	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2585.3814256489	Sum of GTIs [s]
			ontime3	2585.5455856621	Sum of GTIs [s]
			ontime6	2585.3403856754	Sum of GTIs [s]
			ontime7	2585.5045456588	Sum of GTIs [s]
			l1events	427957	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	68398	68544	70658	70297	72971	77089	grade 0 events	25939	26126	26398	26986	27070	12852
rejected events	20806	19912	22679	21959	22474	18821		37%	38%	37%	38%	37%	16%
rejected %	30%	29%	32%	31%	30%	24%	grade 1 events	176	157	206	212	160	47
								0%	0%	0%	0%	0%	0%
							grade 2 events	8395	8742	8241	8292	8752	12624
								12%	12%	11%	11%	11%	16%
							grade 3 events	3036	3203	3194	3136	3315	5699
								4%	4%	4%	4%	4%	7%
							grade 4 events	3006	3199	3167	3227	3195	5642
								4%	4%	4%	4%	4%	7%
							grade 5 events	1257	1279	1184	1252	1333	3169
								1%	1%	1%	1%	1%	4%
							grade 6 events	7216	7362	6979	6697	8165	21451
								10%	10%	9%	9%	11%	27%
							grade 7 events	19373	18476	21289	20495	20981	15605
								28%	26%	30%	29%	28%	20%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	250.8453240867325
[deg] Pointing Dec	0	-51.89392014051319
[deg] Pointing Roll	0.0	339.3680988948075
[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)	266612097.986968	266612096.96197
Observation start date	2006-06-13T18:54:58	2006-06-13T18:54:56
[s] Observation end time (MET)	266623899.837521	266623898.81252
Observation end date	2006-06-13T22:11:40	2006-06-13T22:11:38
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.5855045456588

A.2 Comments