

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59536 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 26 2012

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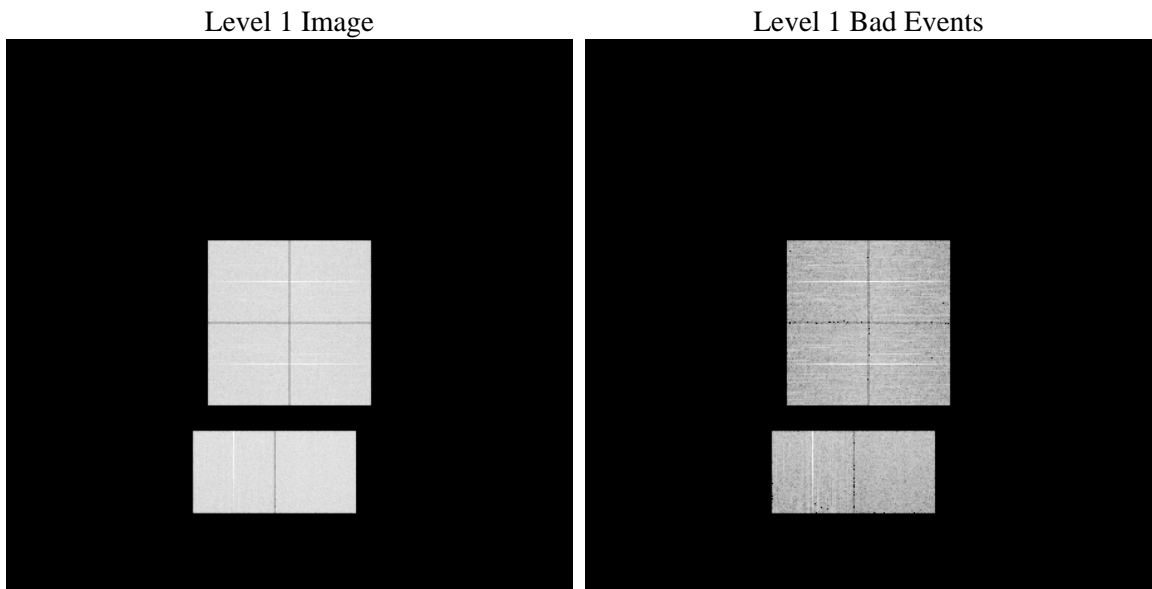
1 Front

seq_num	 	Sequence number
obs_id	59536	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	288.6406968914	Nominal RA [deg]
dec_nom	-45.498189792933	Nominal Dec [deg]
roll_nom	330.62505158113	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7779.1999710202	Sum of GTIs [s]
livetime	7680.6950569153	Livetime [s]
ontime0	7432.4160984457	Sum of GTIs [s]
ontime1	7542.6087107956	Sum of GTIs [s]
ontime2	7160.1746132374	Sum of GTIs [s]
ontime3	7294.832927525	Sum of GTIs [s]
ontime6	7694.9346932769	Sum of GTIs [s]
ontime7	7779.1999710202	Sum of GTIs [s]
l2events	1020535	Number of level 2 events

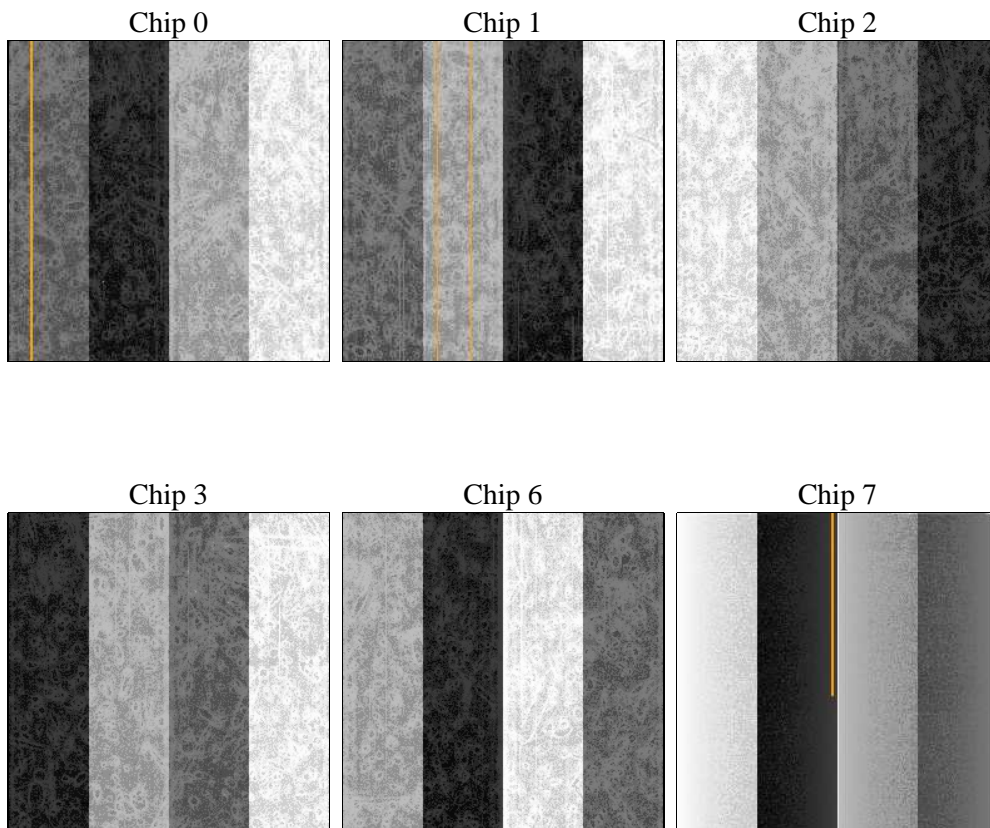
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6600	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	7779.1999710202	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7432.4160984457	Sum of GTIs [s]
date	2012-12-26T17:20:00	Date and time of file creation	ontime1	7542.6087107956	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	7160.1746132374	Sum of GTIs [s]
			ontime3	7294.832927525	Sum of GTIs [s]
			ontime6	7694.9346932769	Sum of GTIs [s]
			ontime7	7779.1999710202	Sum of GTIs [s]
			l1events	1401821	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	224378	228599	222383	226278	246076	254107	grade 0 events	94221	94935	93594	95198	101091	48056
rejected events	53055	54875	55055	56268	59189	50068		41%	41%	42%	42%	41%	18%
rejected %	23%	24%	24%	24%	24%	19%	grade 1 events	606	491	662	597	526	171
								0%	0%	0%	0%	0%	0%
							grade 2 events	30157	31359	28436	29170	32766	45229
								13%	13%	12%	12%	13%	17%
							grade 3 events	11203	11140	10892	11126	11935	20171
								4%	4%	4%	4%	4%	7%
							grade 4 events	11151	11071	11001	11238	11880	20310
								4%	4%	4%	4%	4%	7%
							grade 5 events	3215	3400	2964	3544	3682	8702
								1%	1%	1%	1%	1%	3%
							grade 6 events	25038	25826	23921	23818	29804	70965
								11%	11%	10%	10%	12%	27%
							grade 7 events	48787	50377	50913	51587	54392	40503
								21%	22%	22%	22%	22%	15%

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	288.6406623797561	288.6406968914002
[deg] Pointing Dec	-45.498176138858	-45.49818979293317
[deg] Pointing Roll	330.6250269589107	330.6250515811286
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	238508507.285986	238508507.285986
Observation start date	2005-07-23T12:50:00	2005-07-23T12:21:47
[s] Observation end time (MET)	238518024.572262	238518024.572262
Observation end date	2005-07-23T14:40:00	2005-07-23T15:00:24
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)	2013.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7791999710202

A.2 Comments