

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61656 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 15 2012

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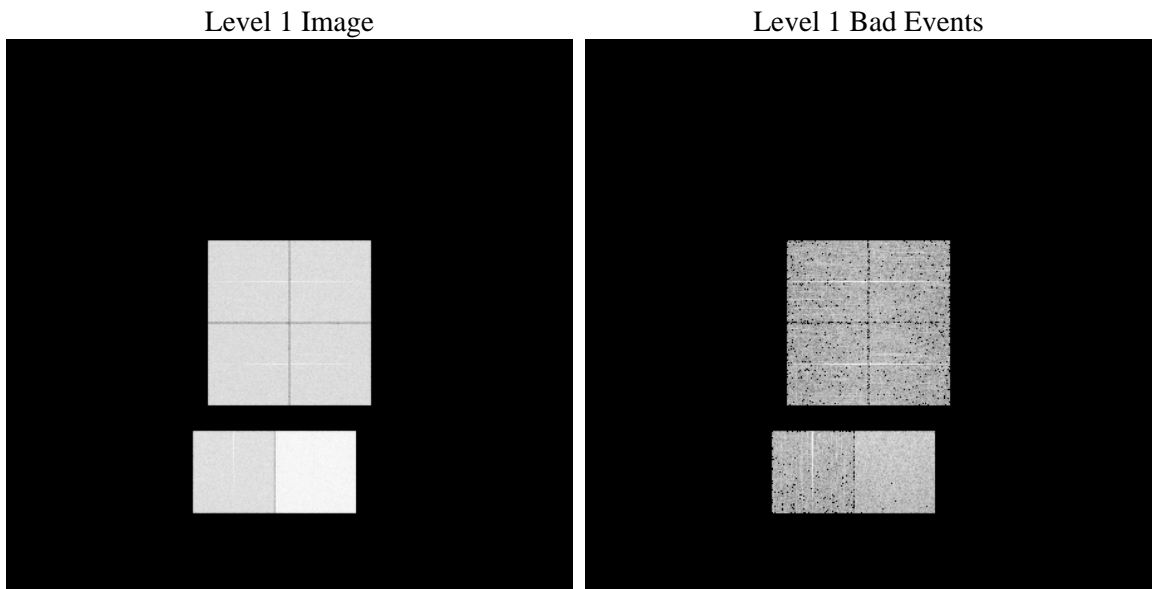
1 Front

seq_num	 	Sequence number
obs_id	61656	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	91.001618840377	Nominal RA [deg]
dec_nom	-30.02861267788	Nominal Dec [deg]
roll_nom	240.22106397012	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6899.9618770182	Sum of GTIs [s]
livetime	6812.5904050732	Livetime [s]
ontime0	2803.4967710972	Sum of GTIs [s]
ontime1	2881.2812225223	Sum of GTIs [s]
ontime2	2693.3017504215	Sum of GTIs [s]
ontime3	2725.6155260652	Sum of GTIs [s]
ontime6	2972.0303520709	Sum of GTIs [s]
ontime7	6899.9618770182	Sum of GTIs [s]
l2events	1345965	Number of level 2 events

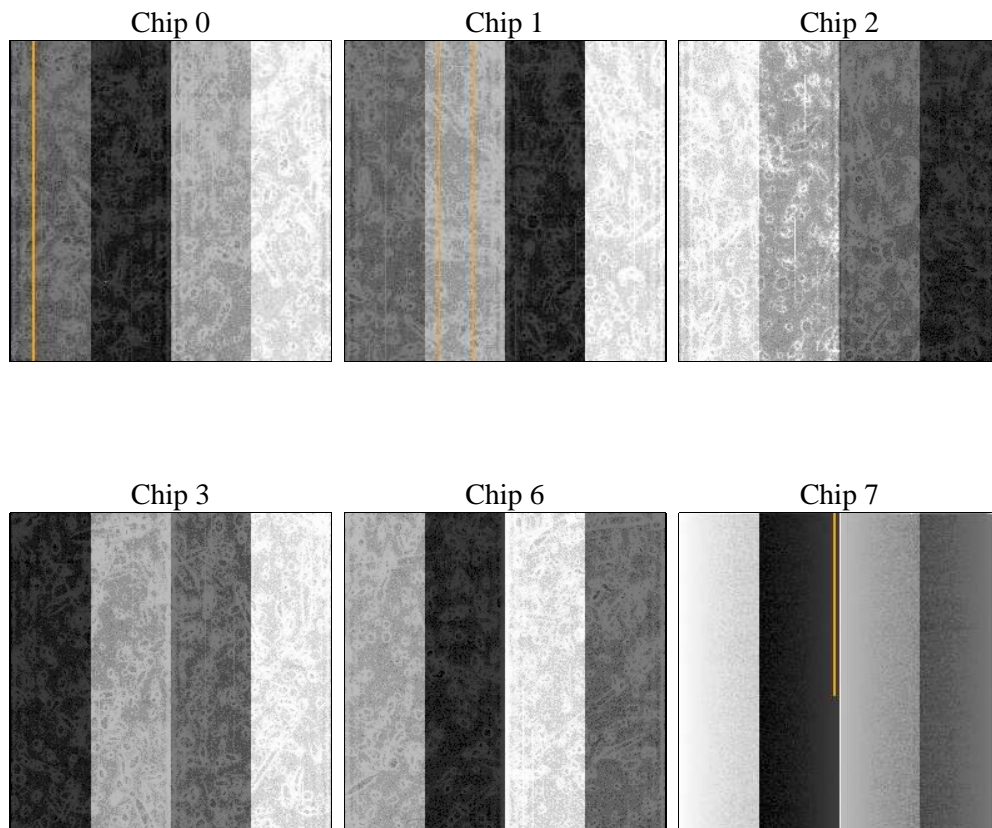
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6899.9618770182	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2803.4967710972	Sum of GTIs [s]
date	2012-09-15T19:07:11	Date and time of file creation	ontime1	2881.2812225223	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2693.3017504215	Sum of GTIs [s]
			ontime3	2725.6155260652	Sum of GTIs [s]
			ontime6	2972.0303520709	Sum of GTIs [s]
			ontime7	6899.9618770182	Sum of GTIs [s]
			l1events	1548933	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	204176	209362	199431	202896	228358	504710	grade 0 events	101089	103947	99056	101104	111644	119450
rejected events	21386	21439	21307	22130	23408	36653		49%	49%	49%	49%	48%	23%
rejected %	10%	10%	10%	10%	10%	7%	grade 1 events	549	538	530	522	515	334
								0%	0%	0%	0%	0%	0%
							grade 2 events	31991	33153	31009	31612	35662	103514
								15%	15%	15%	15%	15%	20%
							grade 3 events	11488	11757	11216	11556	12541	47985
								5%	5%	5%	5%	5%	9%
							grade 4 events	11532	11784	11240	11496	12512	47756
								5%	5%	5%	5%	5%	9%
							grade 5 events	1514	1593	1463	1502	1849	7768
								0%	0%	0%	0%	0%	1%
							grade 6 events	26690	27282	25603	24998	32591	149352
								13%	13%	12%	12%	14%	29%
							grade 7 events	19323	19308	19314	20106	21044	28551
								9%	9%	9%	9%	9%	5%

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	91.00161884037722	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-30.02861267788028	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	240.2210639701216			
[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)	104670952.892	104670952.12379			
Observation start date	2001-04-26T11:15:53	2001-04-26T11:15:52			
[s] Observation end time (MET)	104681463.243	104681462.4742			
Observation end date	2001-04-26T14:11:03	2001-04-26T14:11:02			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.8999618770182

A.2 Comments