

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59940 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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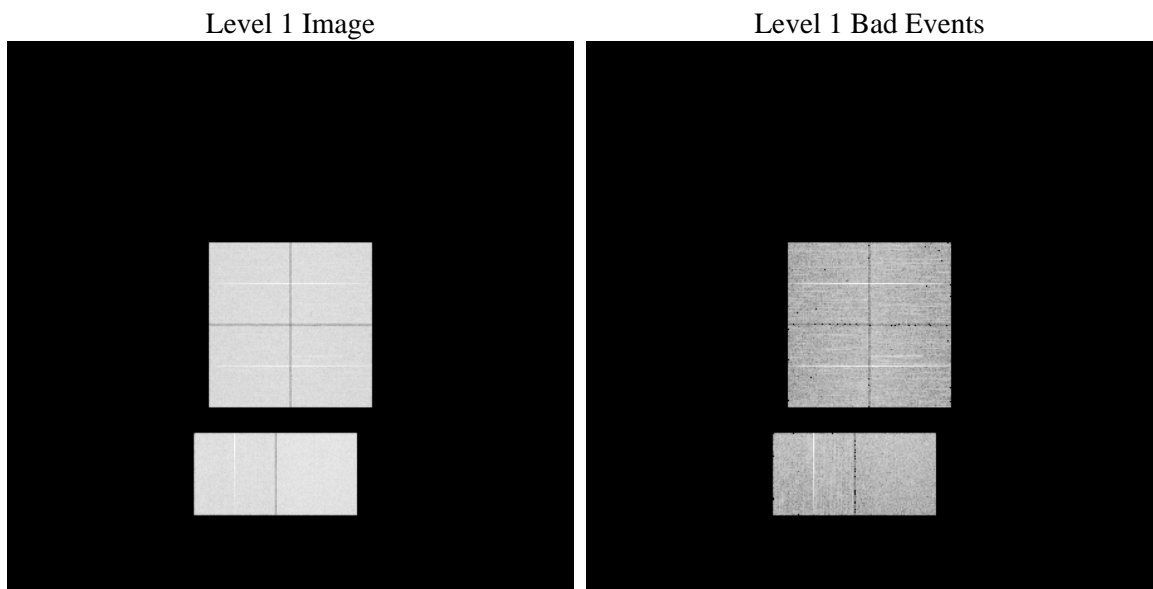
1 Front

seq_num	 	Sequence number
obs_id	59940	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	85.011929938044	Nominal RA [deg]
dec_nom	-4.9723759610319	Nominal Dec [deg]
roll_nom	28.253093144408	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8274.8808834553	Sum of GTIs [s]
livetime	8170.0993591739	Livetime [s]
ontime0	6865.0138958693	Sum of GTIs [s]
ontime1	7078.877196461	Sum of GTIs [s]
ontime2	6638.062638551	Sum of GTIs [s]
ontime3	6654.4318982065	Sum of GTIs [s]
ontime6	7253.8081611693	Sum of GTIs [s]
ontime7	8274.8808834553	Sum of GTIs [s]
l2events	1124646	Number of level 2 events

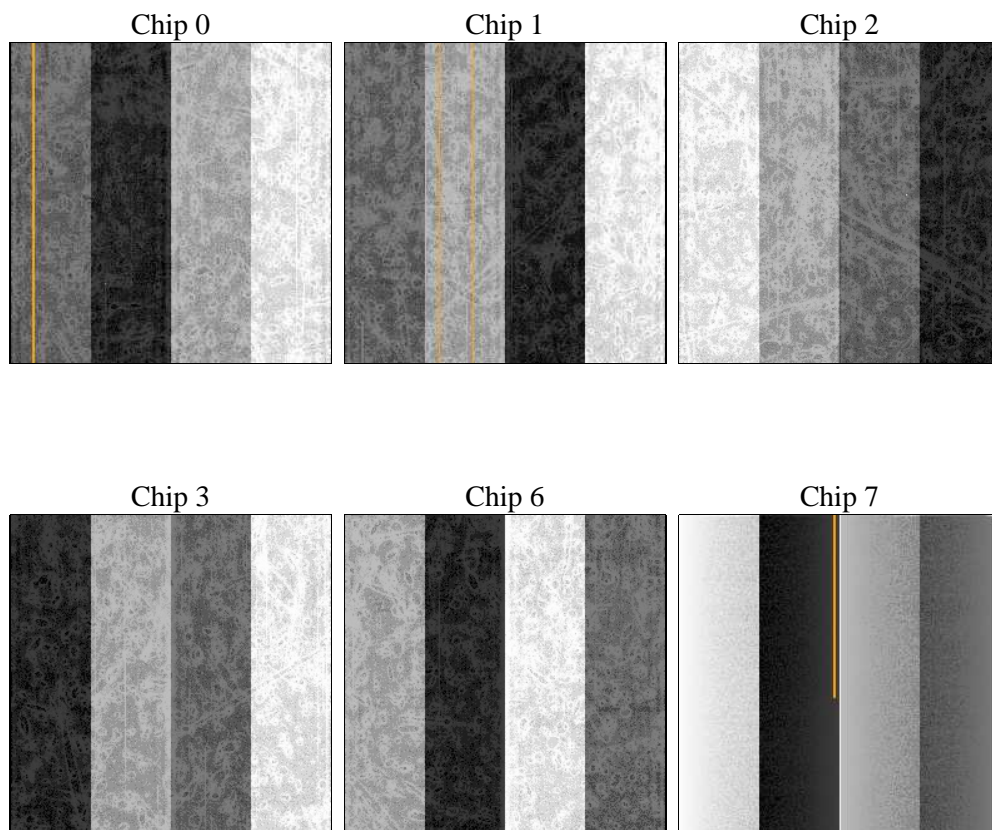
2 OBI

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	Processing system revision	ontime	8274.8808834553	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6865.0138958693	Sum of GTIs [s]
date	2012-12-12T12:52:03	Date and time of file creation	ontime1	7078.877196461	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6638.062638551	Sum of GTIs [s]
			ontime3	6654.4318982065	Sum of GTIs [s]
			ontime6	7253.8081611693	Sum of GTIs [s]
			ontime7	8274.8808834553	Sum of GTIs [s]
			l1events	1495672	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	232016	241232	230119	232286	259901	300118	grade 0 events	99841	103473	100853	100388	109886	58415
rejected events	50125	52265	50314	52397	56453	52605		43%	42%	43%	43%	42%	19%
rejected %	21%	21%	21%	22%	21%	17%	grade 1 events	611	522	706	658	568	180
								0%	0%	0%	0%	0%	0%
							grade 2 events	31998	33785	30154	31006	35257	54295
								13%	14%	13%	13%	13%	18%
							grade 3 events	12011	12233	11790	11881	12757	24753
								5%	5%	5%	5%	4%	8%
							grade 4 events	11679	12011	11678	11766	12772	24457
								5%	4%	5%	5%	4%	8%
							grade 5 events	3158	3165	2824	3374	3669	9273
								1%	1%	1%	1%	1%	3%
							grade 6 events	26447	27563	25416	24926	32859	85681
								11%	11%	11%	10%	12%	28%
							grade 7 events	46271	48480	46698	48287	52133	43064
								19%	20%	20%	20%	20%	14%

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	85.01192993804376	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-4.972375961031863	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	28.25309314440771			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	218437163.425015	218437162.40001			
Observation start date	2004-12-03T04:59:23	2004-12-03T04:59:22			
[s] Observation end time (MET)	218461285.7761	218461284.7511			
Observation end date	2004-12-03T11:41:26	2004-12-03T11:41:24			
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2748808834553

A.2 Comments