

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 59308 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 16 2012

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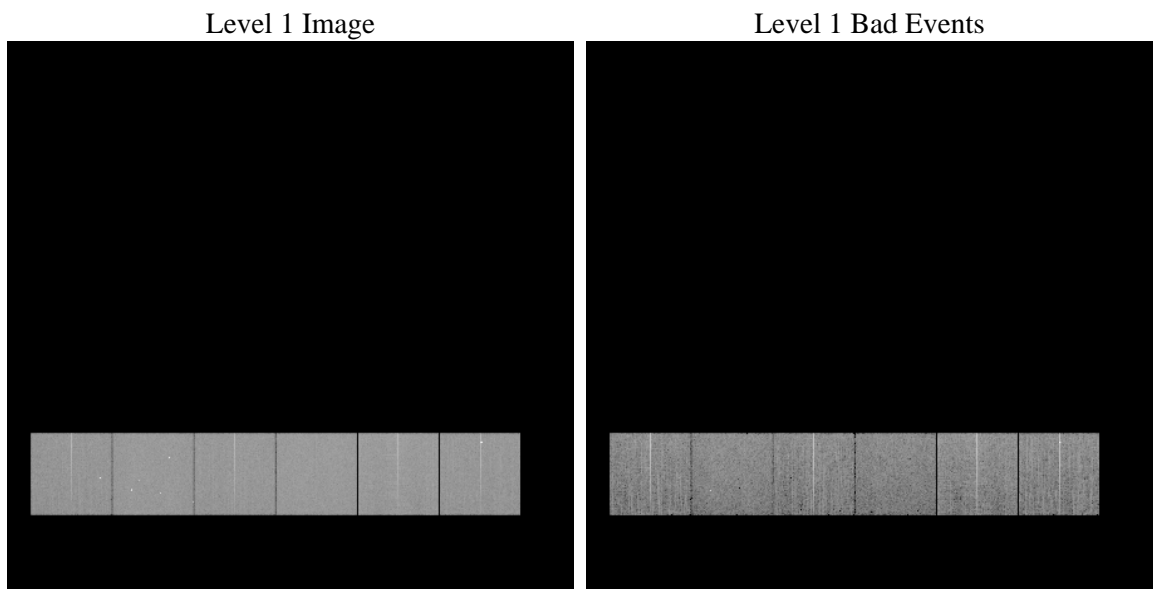
1 Front

seq_num	 	Sequence number
obs_id	59308	Observation id
title	ACIS-456789 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	79.671786108143	Nominal RA [deg]
dec_nom	33.016053830353	Nominal Dec [deg]
roll_nom	112.9423357931	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime4	7098.3905372918	Sum of GTIs [s]
ontime5	7795.1999709606	Sum of GTIs [s]
ontime6	7558.6089888215	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
ontime8	7694.7297517657	Sum of GTIs [s]
ontime9	7377.1142028272	Sum of GTIs [s]
l2events	968943	Number of level 2 events

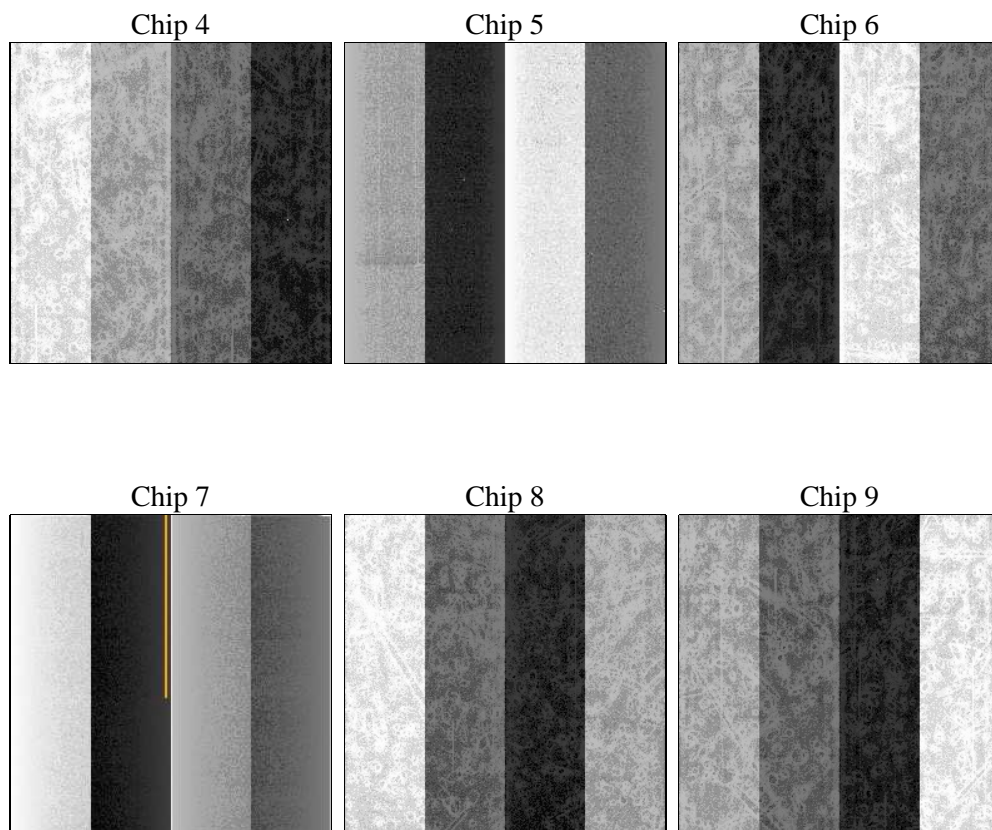
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7098.3905372918	Sum of GTIs [s]
date	2012-03-17T01:45:46	Date and time of file creation	ontime5	7795.1999709606	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7558.6089888215	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			ontime8	7694.7297517657	Sum of GTIs [s]
			ontime9	7377.1142028272	Sum of GTIs [s]
			l1events	1399186	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	211923	237617	229918	245822	248619	225287	grade 0 events	87325	37206	91824	44786	97026	87456
rejected events	61309	58075	60146	51754	67149	62981		41%	15%	39%	18%	39%	38%
rejected %	28%	24%	26%	21%	27%	27%	grade 1 events	739	200	495	171	558	1451
								0%	0%	0%	0%	0%	0%
							grade 2 events	23770	64616	29481	42097	32107	29685
								11%	27%	12%	17%	12%	13%
							grade 3 events	10011	10147	10525	19213	12055	10296
								4%	4%	4%	7%	4%	4%
							grade 4 events	10149	9937	10570	18883	12018	10405
								4%	4%	4%	7%	4%	4%
							grade 5 events	3508	8767	3612	8966	4695	3956
								1%	3%	1%	3%	1%	1%
							grade 6 events	19421	57696	27455	69175	28338	24536
								9%	24%	11%	28%	11%	10%
							grade 7 events	57000	49048	55956	42531	61822	57502
								26%	20%	24%	17%	24%	25%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	79.67178610814301	Alternating exposures requested	N	N
[deg] Pointing Dec	0	33.01605383035316	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	112.9423357930966			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	248556016.947866	248556015.92287			
Observation start date	2005-11-16T19:20:17	2005-11-16T19:20:15			
[s] Observation end time (MET)	248575725.648776	248575724.62378			
Observation end date	2005-11-17T00:48:46	2005-11-17T00:48:44			
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)	2012.03.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments