

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58307 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 28 2012

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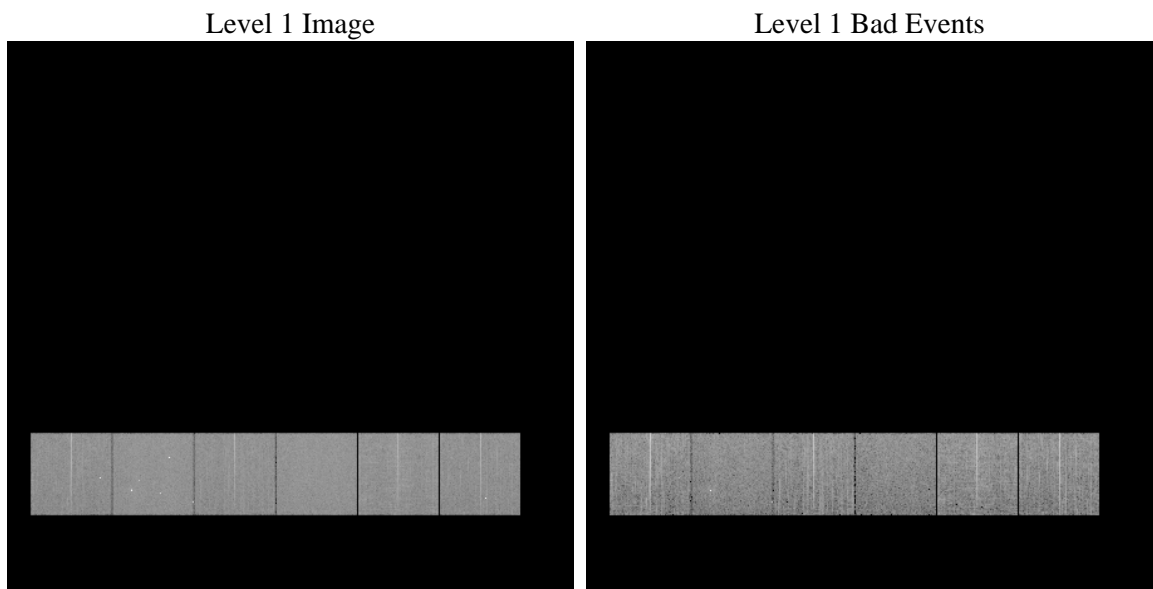
1 Front

seq_num	 	Sequence number
obs_id	58307	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	309.97268828012	Nominal RA [deg]
dec_nom	6.9968511309273	Nominal Dec [deg]
roll_nom	164.33723488518	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6332.9245838523	Sum of GTIs [s]
livetime	6252.7332795422	Livetime [s]
ontime4	6334.8690575361	Sum of GTIs [s]
ontime5	6334.9511375427	Sum of GTIs [s]
ontime6	6334.9100975394	Sum of GTIs [s]
ontime7	6332.9245838523	Sum of GTIs [s]
ontime8	6334.8280175328	Sum of GTIs [s]
ontime9	6332.9245638847	Sum of GTIs [s]
l2events	567227	Number of level 2 events

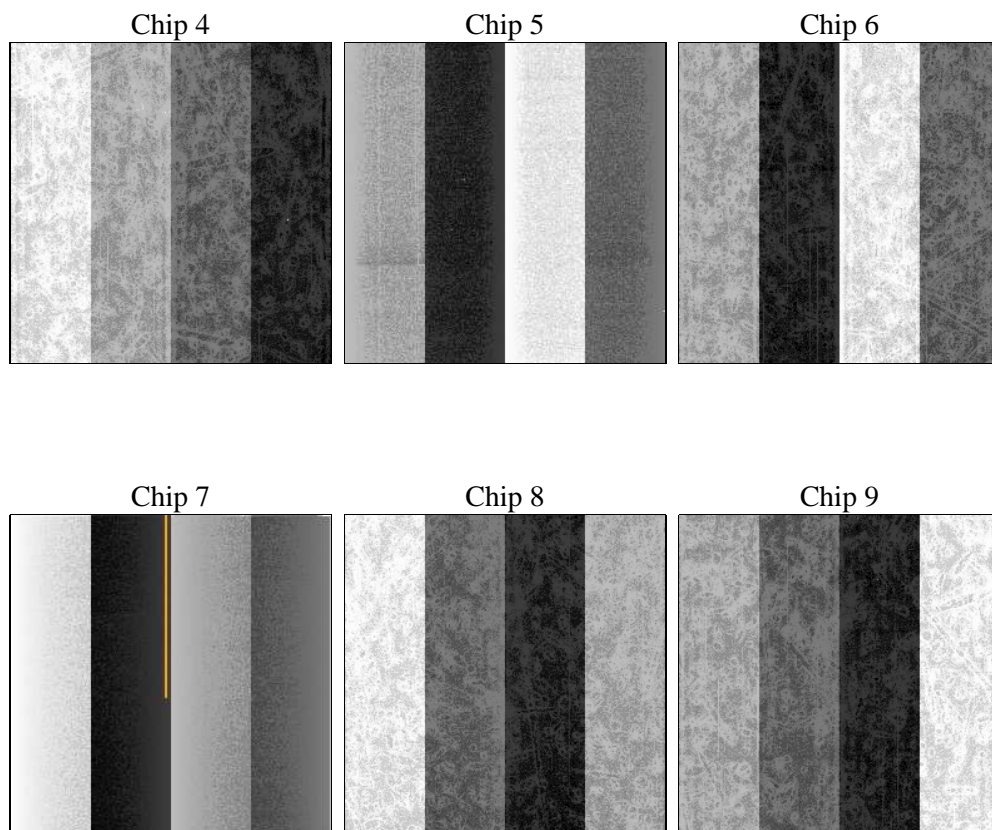
2 OBI

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	8.4.4	Processing system revision	ontime	6332.9245838523	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6334.8690575361	Sum of GTIs [s]
date	2012-04-28T15:04:01	Date and time of file creation	ontime5	6334.9511375427	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6334.9100975394	Sum of GTIs [s]
			ontime7	6332.9245838523	Sum of GTIs [s]
			ontime8	6334.8280175328	Sum of GTIs [s]
			ontime9	6332.9245638847	Sum of GTIs [s]
			l1events	961339	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	151765	169191	154625	167498	165761	152499	grade 0 events	51823	21875	50683	25488	53150	51735
rejected events	61811	53594	59577	49081	62514	58899		34%	12%	32%	15%	32%	33%
rejected %	40%	31%	38%	29%	37%	38%	grade 1 events	457	280	304	115	324	367
								0%	0%	0%	0%	0%	0%
							grade 2 events	14408	41015	16890	25900	18912	15729
								9%	24%	10%	15%	11%	10%
							grade 3 events	6080	6120	6214	11494	7141	6090
								4%	3%	4%	6%	4%	3%
							grade 4 events	6088	5998	6041	11269	7070	6055
								4%	3%	3%	6%	4%	3%
							grade 5 events	3207	7937	3491	8270	4116	3765
								2%	4%	2%	4%	2%	2%
							grade 6 events	11555	40589	15220	44266	16974	13991
								7%	23%	9%	26%	10%	9%
							grade 7 events	58147	45377	55782	40696	58074	54767
								38%	26%	36%	24%	35%	35%

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	309.9726882801155	Alternating exposures requested	N	N
[deg] Pointing Dec	0	6.996851130927348	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	164.3372348851814			
[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)	301562682.892135	301562681.86714			
Observation start date	2007-07-23T07:24:43	2007-07-23T07:24:41			
[s] Observation end time (MET)	301577984.092869	301577983.06787			
Observation end date	2007-07-23T11:39:44	2007-07-23T11:39:43			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3329245838523

A.2 Comments