

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58995 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 30 2012

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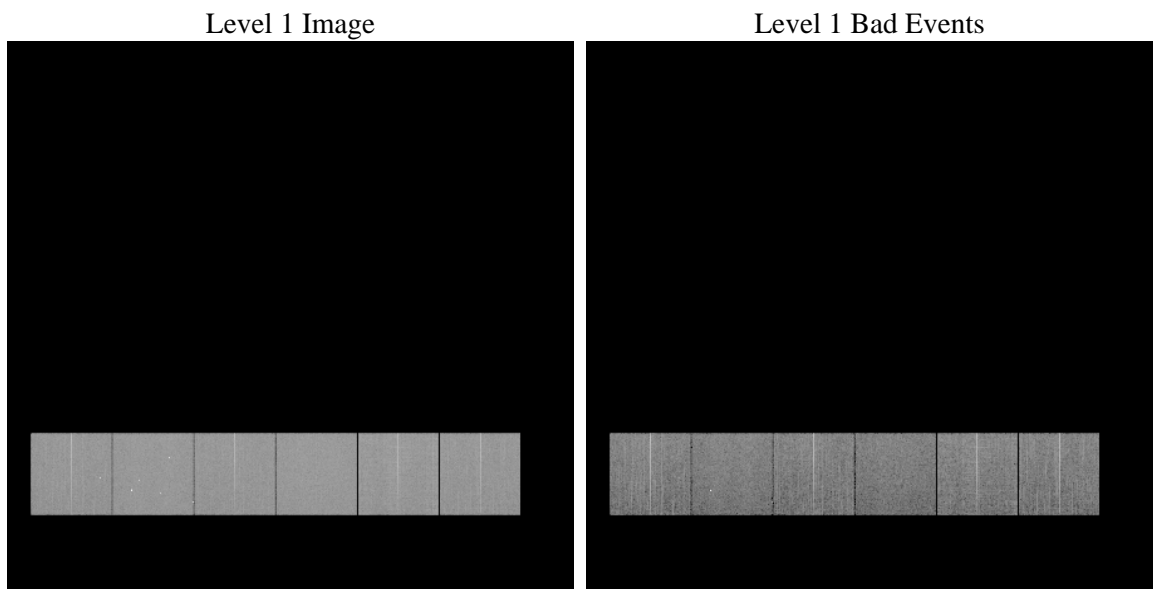
1 Front

seq_num	 	Sequence number
obs_id	58995	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	235.97056420056	Nominal RA [deg]
dec_nom	5.0076734829296	Nominal Dec [deg]
roll_nom	132.21311467853	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8201.4568102658	Sum of GTIs [s]
livetime	8097.6050258098	Livetime [s]
ontime4	8201.3336902559	Sum of GTIs [s]
ontime5	8201.4157702625	Sum of GTIs [s]
ontime6	8201.3747302592	Sum of GTIs [s]
ontime7	8201.4568102658	Sum of GTIs [s]
ontime8	8201.2926502824	Sum of GTIs [s]
ontime9	8201.4978502691	Sum of GTIs [s]
l2events	943105	Number of level 2 events

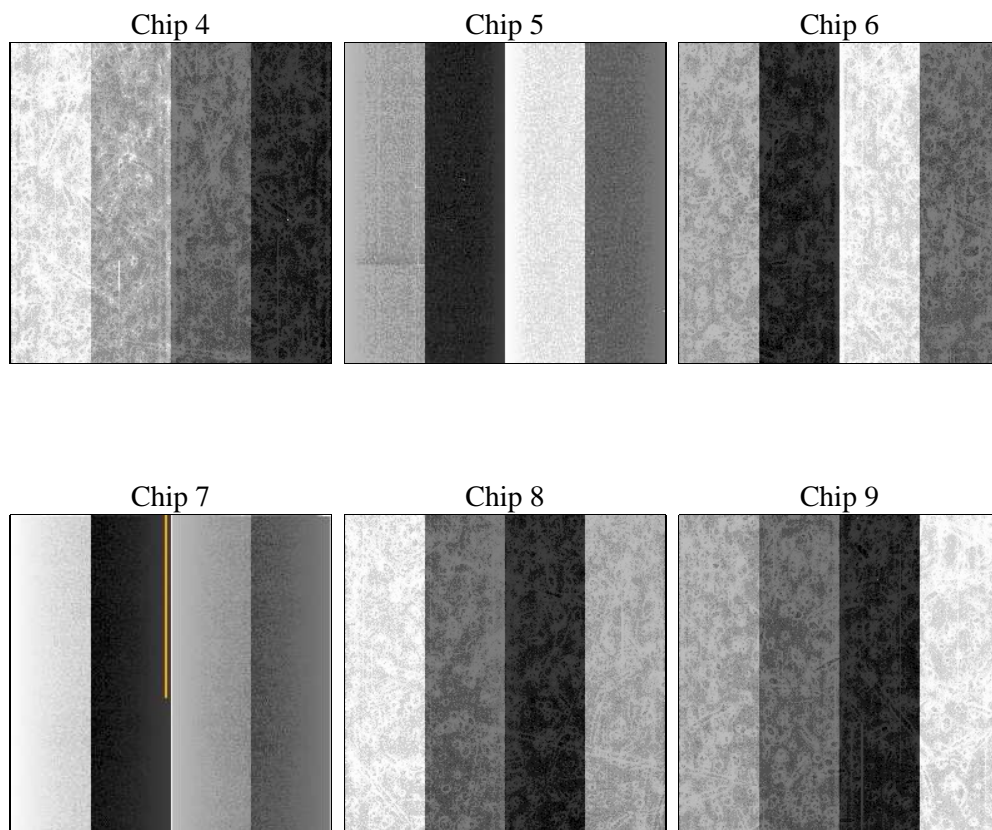
2 OBI

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	8.4.3.1	Processing system revision	ontime	8201.4568102658	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8201.3336902559	Sum of GTIs [s]
date	2012-03-30T20:41:24	Date and time of file creation	ontime5	8201.4157702625	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8201.3747302592	Sum of GTIs [s]
			ontime7	8201.4568102658	Sum of GTIs [s]
			ontime8	8201.2926502824	Sum of GTIs [s]
			ontime9	8201.4978502691	Sum of GTIs [s]
			l1events	1455616	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	232140	246915	237854	251392	254073	233242	grade 0 events	88200	35048	88878	43142	92431	86610
rejected events	80533	70394	74549	62520	81135	76002		37%	14%	37%	17%	36%	37%
rejected %	34%	28%	31%	24%	31%	32%	grade 1 events	792	259	541	189	521	612
								0%	0%	0%	0%	0%	0%
							grade 2 events	24313	63835	28456	41688	31440	27295
								10%	25%	11%	16%	12%	11%
							grade 3 events	10438	9809	10338	18670	11612	10417
								4%	3%	4%	7%	4%	4%
							grade 4 events	10410	9605	10451	18427	11567	10179
								4%	3%	4%	7%	4%	4%
							grade 5 events	4193	10428	4253	10347	5443	4678
								1%	4%	1%	4%	2%	2%
							grade 6 events	19661	59784	26762	68588	27404	24070
								8%	24%	11%	27%	10%	10%
							grade 7 events	74133	58147	68175	50341	73655	69381
								31%	23%	28%	20%	28%	29%

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	235.9705642005622	Alternating exposures requested	N	N
[deg] Pointing Dec	0	5.007673482929552	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	132.2131146785341			
[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)	262534805.646648	262534804.62165			
Observation start date	2006-04-27T14:20:06	2006-04-27T14:20:04			
[s] Observation end time (MET)	262557558.597709	262557557.57271			
Observation end date	2006-04-27T20:39:19	2006-04-27T20:39:17			
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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2014568102658

A.2 Comments