

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59211 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 21 2012

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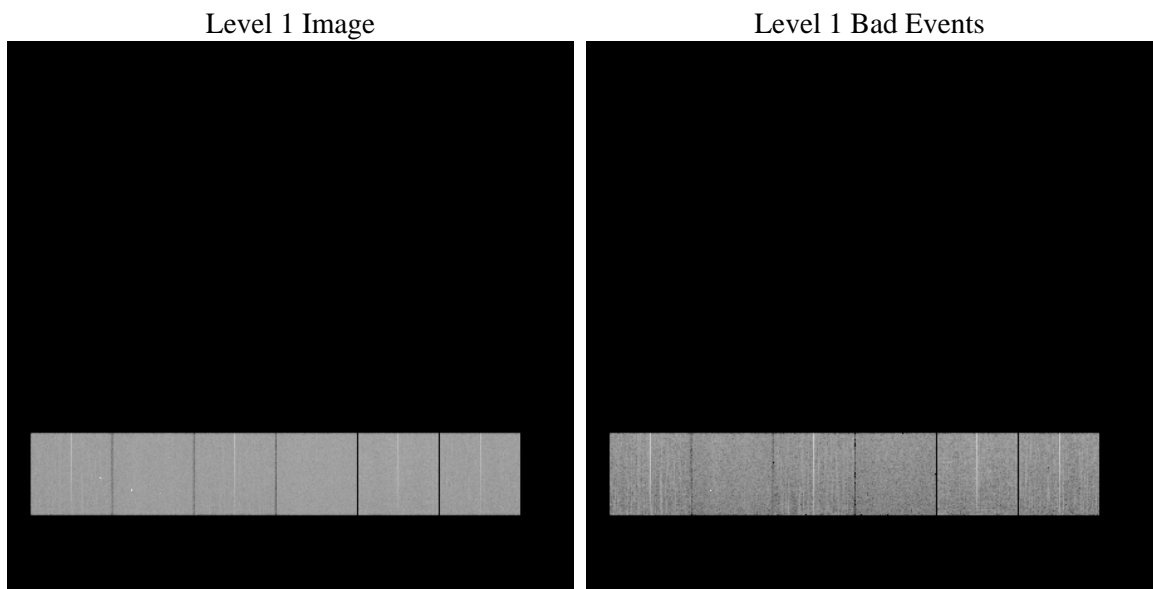
1 Front

seq_num	 	Sequence number
obs_id	59211	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	87.02758829601	Nominal RA [deg]
dec_nom	-3.4921901018467	Nominal Dec [deg]
roll_nom	342.9519251646	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8175.8377610743	Sum of GTIs [s]
livetime	8072.3103804451	Livetime [s]
ontime4	8143.3048278391	Sum of GTIs [s]
ontime5	8175.796721071	Sum of GTIs [s]
ontime6	8169.2737104893	Sum of GTIs [s]
ontime7	8175.8377610743	Sum of GTIs [s]
ontime8	8175.6736010909	Sum of GTIs [s]
ontime9	8166.155860126	Sum of GTIs [s]
l2events	1006734	Number of level 2 events

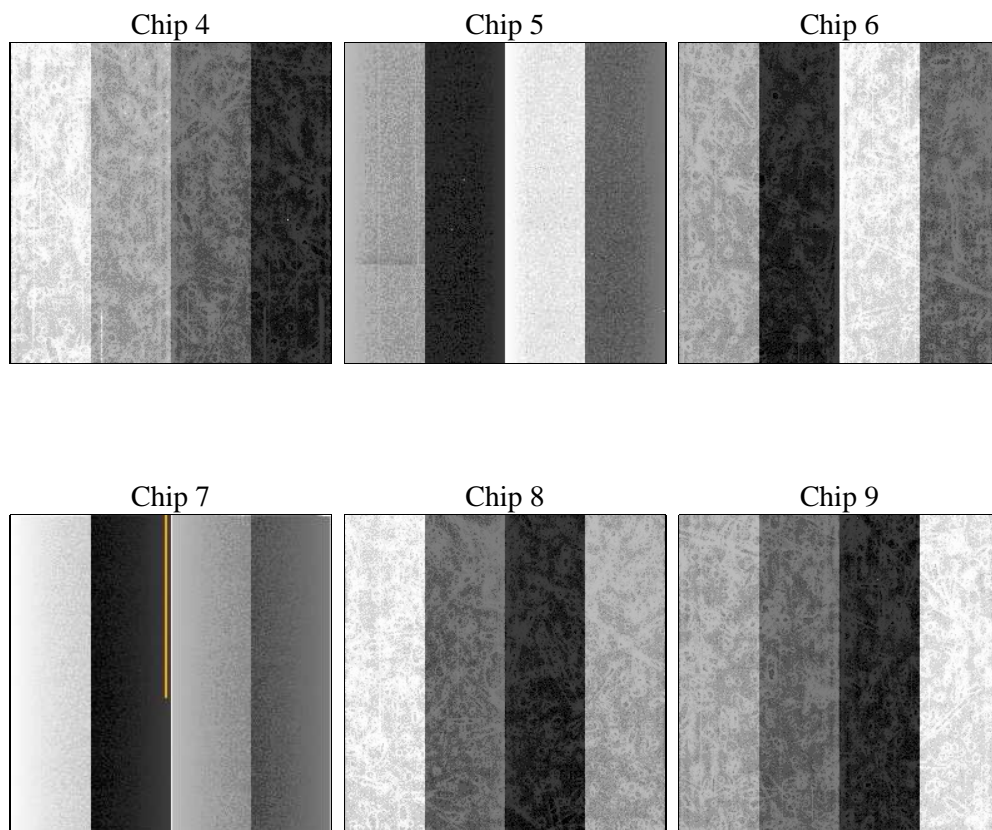
2 OBI

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	8175.8377610743	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8143.3048278391	Sum of GTIs [s]
date	2012-03-21T05:52:03	Date and time of file creation	ontime5	8175.796721071	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8169.2737104893	Sum of GTIs [s]
			ontime7	8175.8377610743	Sum of GTIs [s]
			ontime8	8175.6736010909	Sum of GTIs [s]
			ontime9	8166.155860126	Sum of GTIs [s]
			l1events	1479015	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	237005	244012	245229	254329	259054	239386	grade 0 events	97466	36347	96935	46134	100407	94265
rejected events	71267	63534	68765	56610	74011	69461		41%	14%	39%	18%	38%	39%
rejected %	30%	26%	28%	22%	28%	29%	grade 1 events	724	161	572	160	594	599
								0%	0%	0%	0%	0%	0%
							grade 2 events	26222	66028	30987	43487	33068	29548
								11%	27%	12%	17%	12%	12%
							grade 3 events	11285	10316	11266	19973	12411	11124
								4%	4%	4%	7%	4%	4%
							grade 4 events	11084	10542	11193	19675	12499	11091
								4%	4%	4%	7%	4%	4%
							grade 5 events	3795	9226	4037	9351	4914	4339
								1%	3%	1%	3%	1%	1%
							grade 6 events	21404	59508	28353	70819	28923	26021
								9%	24%	11%	27%	11%	10%
							grade 7 events	65025	51884	61886	44730	66238	62399
								27%	21%	25%	17%	25%	26%

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	87.02758829601015	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-3.492190101846702	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	342.9519251645972			
[mm] SIM focus pos	-0.684267	-1.526339935833849			
[mm] SIM defocus	0	0.006996703570447904			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	252026675.308346	252026674.28335			
Observation start date	2005-12-26T23:24:35	2005-12-26T23:24:34			
[s] Observation end time (MET)	252047985.059333	252047984.03433			
Observation end date	2005-12-27T05:19:45	2005-12-27T05:19:44			
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)	2012.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1758377610743

A.2 Comments