

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58853 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 6 2012

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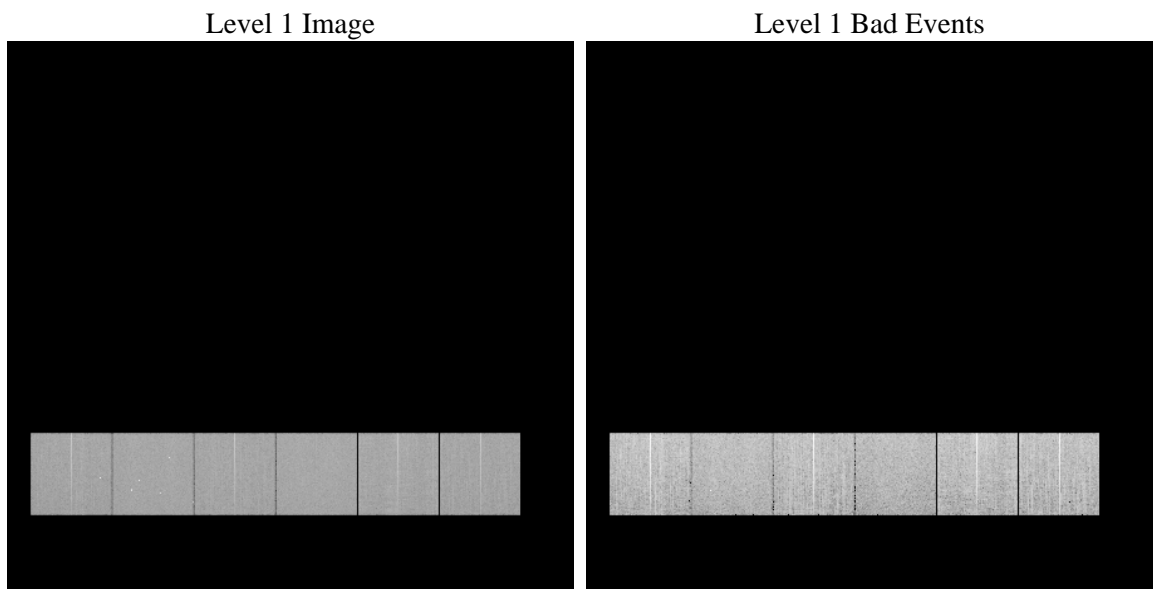
1 Front

seq_num	 	Sequence number
obs_id	58853	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	79.985908871862	Nominal RA [deg]
dec_nom	11.019715500384	Nominal Dec [deg]
roll_nom	103.92957312127	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7605.5465738773	Sum of GTIs [s]
livetime	7509.2405636486	Livetime [s]
ontime4	7605.4234538674	Sum of GTIs [s]
ontime5	7605.505533874	Sum of GTIs [s]
ontime6	7605.4644938707	Sum of GTIs [s]
ontime7	7605.5465738773	Sum of GTIs [s]
ontime8	7605.3824138641	Sum of GTIs [s]
ontime9	7605.5876138806	Sum of GTIs [s]
l2events	831590	Number of level 2 events

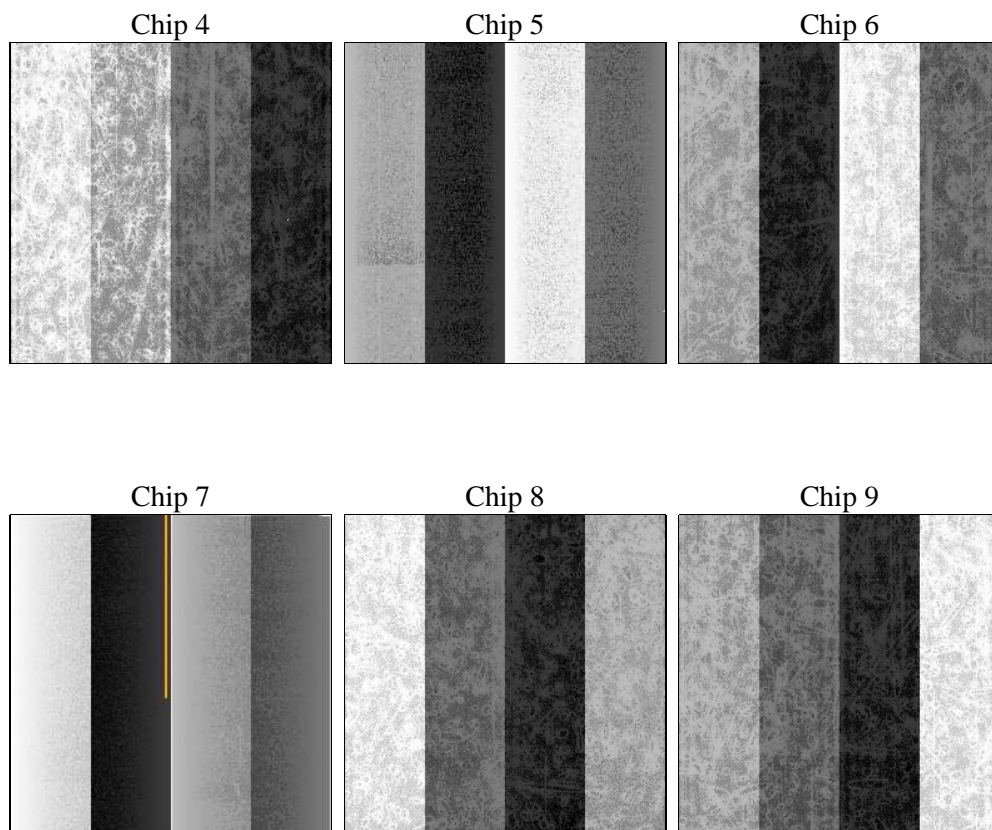
2 OBI

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	7605.5465738773	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7605.4234538674	Sum of GTIs [s]
date	2012-04-06T18:52:07	Date and time of file creation	ontime5	7605.505533874	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7605.4644938707	Sum of GTIs [s]
			ontime7	7605.5465738773	Sum of GTIs [s]
			ontime8	7605.3824138641	Sum of GTIs [s]
			ontime9	7605.5876138806	Sum of GTIs [s]
			l1events	1292765	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	206454	217779	213111	222810	225404	207207	grade 0 events	77690	29904	77203	37671	80591	75013
rejected events	71490	60938	68923	55393	72135	69305		37%	13%	36%	16%	35%	36%
rejected %	34%	27%	32%	24%	32%	33%	grade 1 events	721	238	445	161	530	541
								0%	0%	0%	0%	0%	0%
							grade 2 events	21442	56559	25224	36846	27400	23797
								10%	25%	11%	16%	12%	11%
							grade 3 events	9158	8488	9205	16420	10369	9077
								4%	3%	4%	7%	4%	4%
							grade 4 events	9013	8275	9119	16333	10440	9020
								4%	3%	4%	7%	4%	4%
							grade 5 events	3673	8937	3895	9329	4740	4269
								1%	4%	1%	4%	2%	2%
							grade 6 events	17661	53615	23437	60147	24469	20995
								8%	24%	10%	26%	10%	10%
							grade 7 events	67096	51763	64583	45903	66865	64495
								32%	23%	30%	20%	29%	31%

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	79.98590887186232	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.01971550038371	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	103.929573121272			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	270946212.289958	270946211.26494			
Observation start date	2006-08-02T22:50:12	2006-08-02T22:50:11			
[s] Observation end time (MET)	270964770.940829	270964769.91581			
Observation end date	2006-08-03T03:59:31	2006-08-03T03:59:29			
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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6055465738773

A.2 Comments