

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58846 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 6 2012

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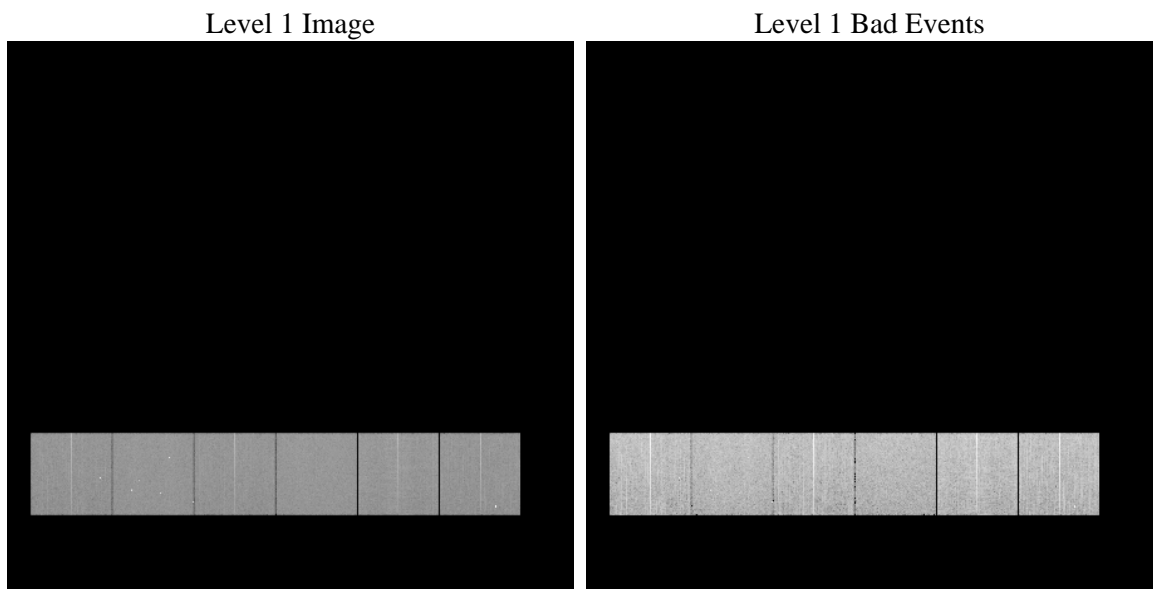
1 Front

seq_num	 	Sequence number
obs_id	58846	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	87.562974872451	Nominal RA [deg]
dec_nom	-58.265966597825	Nominal Dec [deg]
roll_nom	132.02265005713	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7494.3999721408	Sum of GTIs [s]
livetime	7399.5013671076	Livetime [s]
ontime4	7494.349352777	Sum of GTIs [s]
ontime5	7494.3999721408	Sum of GTIs [s]
ontime6	7494.3903927803	Sum of GTIs [s]
ontime7	7494.3999721408	Sum of GTIs [s]
ontime8	7494.3083127737	Sum of GTIs [s]
ontime9	7494.3999721408	Sum of GTIs [s]
l2events	838022	Number of level 2 events

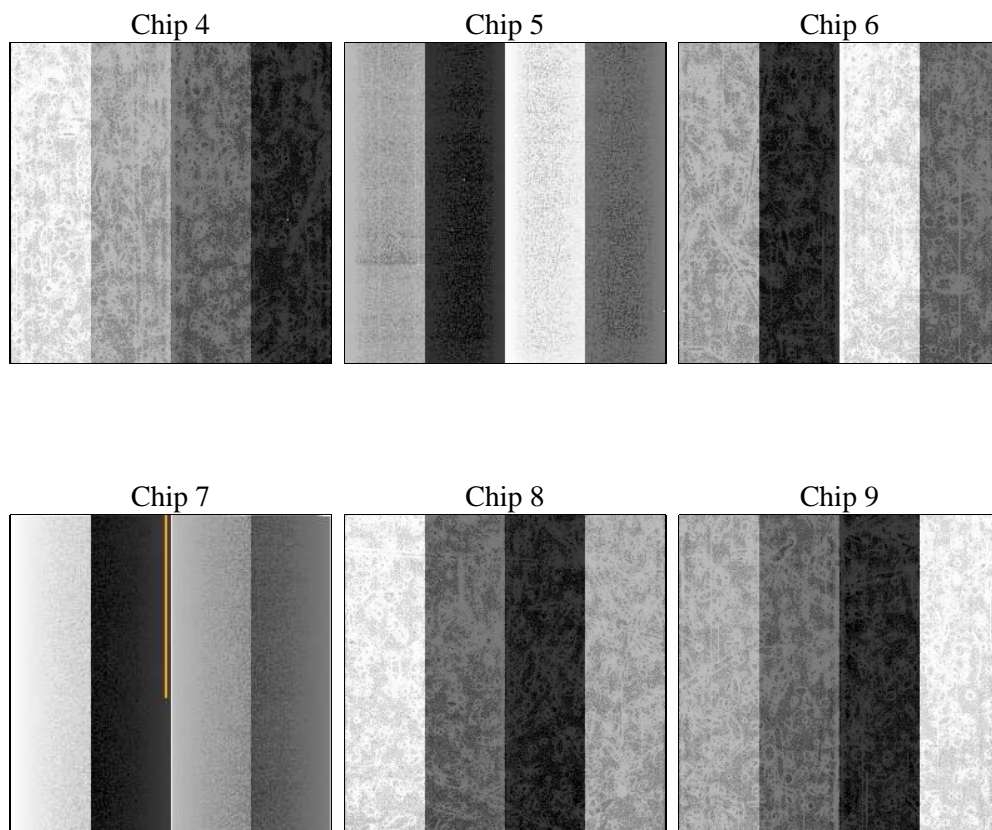
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	960	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	7494.3999721408	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7494.349352777	Sum of GTIs [s]
date	2012-04-06T20:57:35	Date and time of file creation	ontime5	7494.3999721408	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7494.3903927803	Sum of GTIs [s]
			ontime7	7494.3999721408	Sum of GTIs [s]
			ontime8	7494.3083127737	Sum of GTIs [s]
			ontime9	7494.3999721408	Sum of GTIs [s]
			l1events	1360086	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	216816	227533	219730	232619	238845	224543	grade 0 events	82845	33786	81460	38979	85354	80239
rejected events	80221	69377	74667	65070	82981	79876		38%	14%	37%	16%	35%	35%
rejected %	36%	30%	33%	27%	34%	35%	grade 1 events	785	371	520	185	550	599
								0%	0%	0%	0%	0%	0%
							grade 2 events	22412	58687	26496	38117	29202	29031
								10%	25%	12%	16%	12%	12%
							grade 3 events	9678	8703	9649	17066	11122	9743
								4%	3%	4%	7%	4%	4%
							grade 4 events	9447	8811	9522	16675	10978	9611
								4%	3%	4%	7%	4%	4%
							grade 5 events	3834	9089	4086	9649	4983	4413
								1%	3%	1%	4%	2%	1%
							grade 6 events	19056	55362	25045	64474	26830	23110
								8%	24%	11%	27%	11%	10%
							grade 7 events	68759	52724	62952	47474	69826	67797
								31%	23%	28%	20%	29%	30%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	87.56301016547013	87.56297487245081
[deg] Pointing Dec	-58.26598726384562	-58.26596659782506
[deg] Pointing Roll	132.022680004123	132.022650057126
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	271402583.311362	271402583.311362
Observation start date	2006-08-08T05:55:00	2006-08-08T05:36:23
[s] Observation end time (MET)	271412101.028268	271412101.028268
Observation end date	2006-08-08T06:11:00	2006-08-08T08:15:01
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

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	7.4943999721408

A.2 Comments