

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58187 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 1 2012

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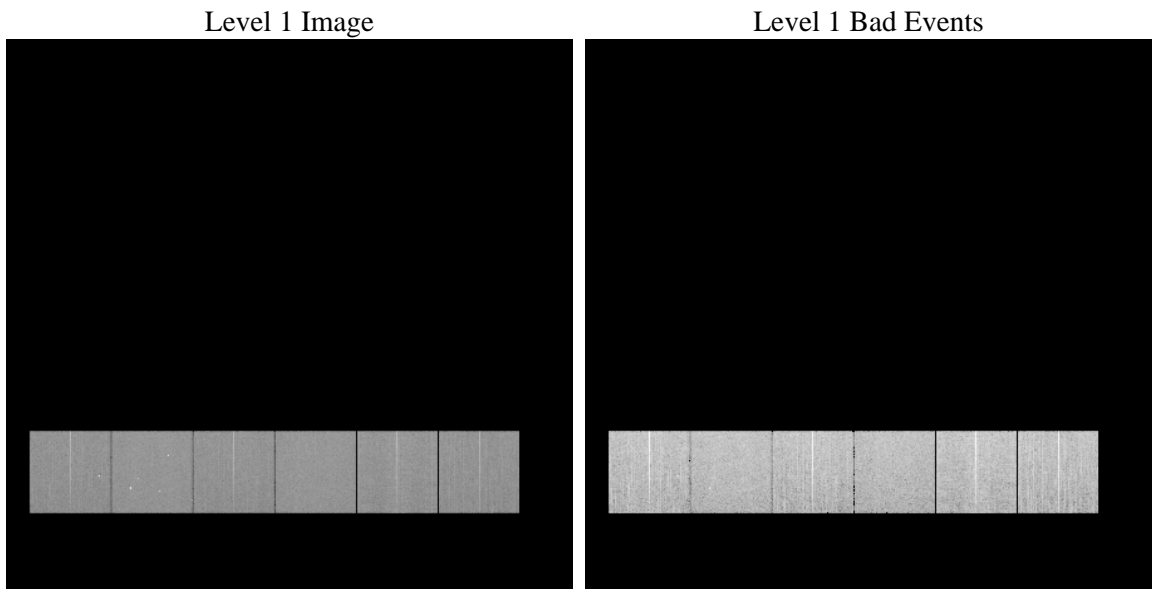
1 Front

seq_num	 	Sequence number
obs_id	58187	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	232.02594074056	Nominal RA [deg]
dec_nom	22.983970757176	Nominal Dec [deg]
roll_nom	293.44601599218	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7587.1549134254	Sum of GTIs [s]
livetime	7491.0817894754	Livetime [s]
ontime4	7587.0317934155	Sum of GTIs [s]
ontime5	7587.1138734221	Sum of GTIs [s]
ontime6	7587.0728334188	Sum of GTIs [s]
ontime7	7587.1549134254	Sum of GTIs [s]
ontime8	7586.9907534122	Sum of GTIs [s]
ontime9	7587.1959534287	Sum of GTIs [s]
l2events	681777	Number of level 2 events

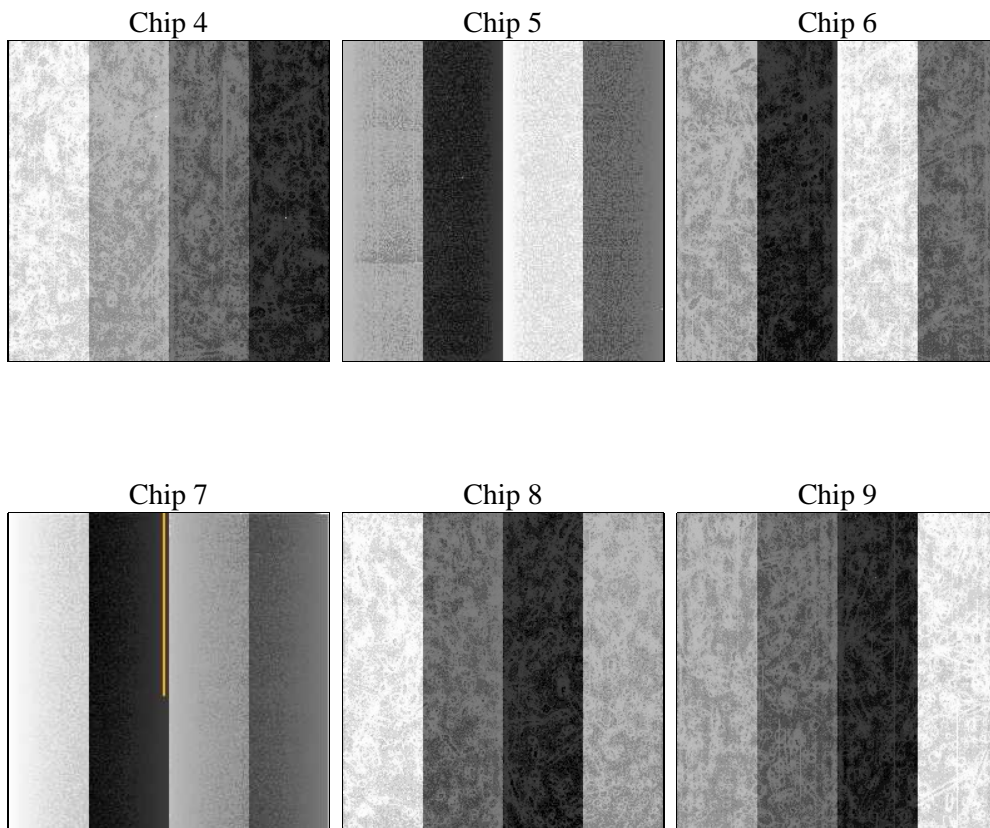
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	6420	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7587.1549134254	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7587.0317934155	Sum of GTIs [s]
date	2012-05-02T01:22:41	Date and time of file creation	ontime5	7587.1138734221	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7587.0728334188	Sum of GTIs [s]
			ontime7	7587.1549134254	Sum of GTIs [s]
			ontime8	7586.9907534122	Sum of GTIs [s]
			ontime9	7587.1959534287	Sum of GTIs [s]
			l1events	1183894	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	187022	205589	189968	206598	205795	188922	grade 0 events	64273	25332	61805	30768	65924	61403
rejected events	78505	69626	76157	65390	80853	77539		34%	12%	32%	14%	32%	32%
rejected %	41%	33%	40%	31%	39%	41%	grade 1 events	637	264	355	151	463	453
								0%	0%	0%	0%	0%	0%
							grade 2 events	17530	50030	20714	31452	23085	19879
								9%	24%	10%	15%	11%	10%
							grade 3 events	7589	7259	7415	13901	9007	7540
								4%	3%	3%	6%	4%	3%
							grade 4 events	7410	7064	7486	13854	8954	7594
								3%	3%	3%	6%	4%	4%
							grade 5 events	3997	9251	4221	10172	5143	4531
								2%	4%	2%	4%	2%	2%
							grade 6 events	14995	50243	19657	55320	21642	18139
								8%	24%	10%	26%	10%	9%
							grade 7 events	70591	56146	68315	50980	71577	69383
								37%	27%	35%	24%	34%	36%

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	232.0259407405574	232.0259407405573
[deg] Pointing Dec	22.98397075717559	22.98397075717578
[deg] Pointing Roll	293.4460159921782	293.4460159921781
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	307502691.427645	307502691.427645
Observation start date	2007-09-30T01:41:00	2007-09-30T01:24:51
[s] Observation end time (MET)	307512209.256764	307512209.256764
Observation end date	2007-09-30T03:28:00	2007-09-30T04:03:29
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5871549134254

A.2 Comments