

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57567 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 22 2012

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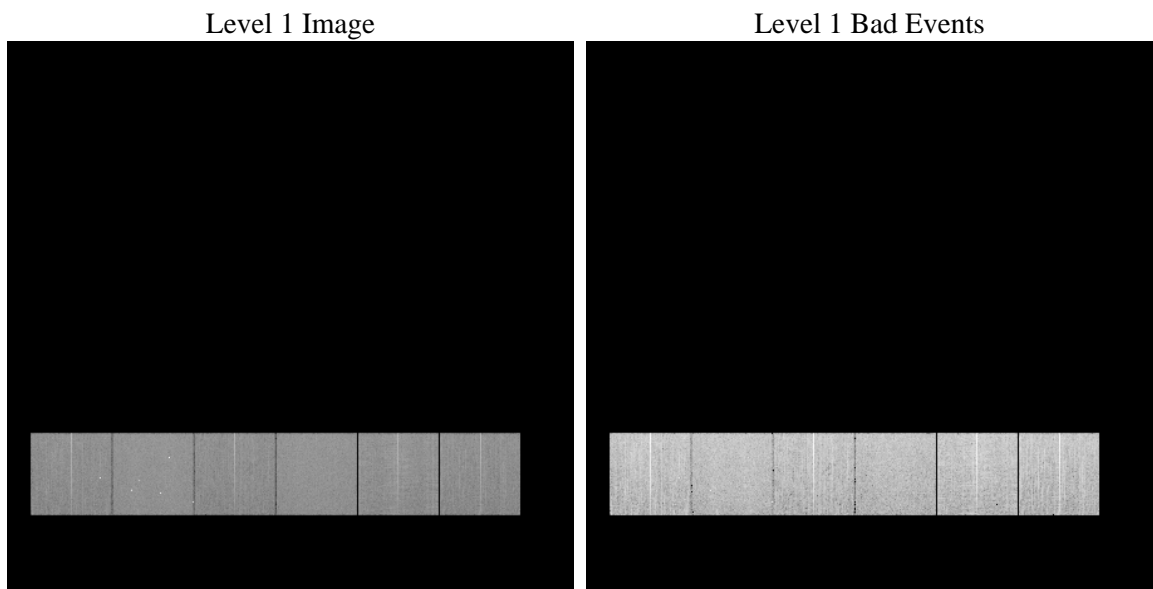
1 Front

seq_num	 	Sequence number
obs_id	57567	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	356.62927514558	Nominal RA [deg]
dec_nom	-13.504199779111	Nominal Dec [deg]
roll_nom	318.83396478988	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7704.68934834	Sum of GTIs [s]
livetime	7607.1279326044	Livetime [s]
ontime4	7704.5662283301	Sum of GTIs [s]
ontime5	7704.6483083367	Sum of GTIs [s]
ontime6	7704.6072683334	Sum of GTIs [s]
ontime7	7704.68934834	Sum of GTIs [s]
ontime8	7704.5251883268	Sum of GTIs [s]
ontime9	7704.7303883433	Sum of GTIs [s]
l2events	548454	Number of level 2 events

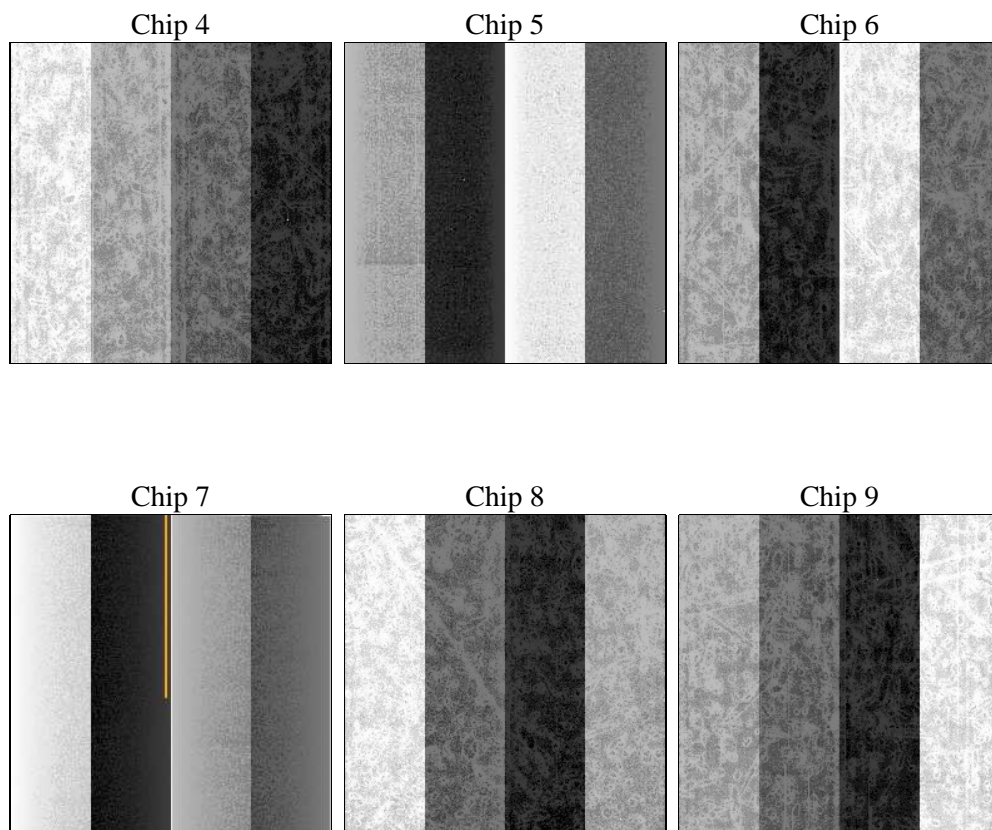
2 OBI

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	7704.68934834	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7704.5662283301	Sum of GTIs [s]
date	2012-05-22T12:13:04	Date and time of file creation	ontime5	7704.6483083367	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7704.6072683334	Sum of GTIs [s]
			ontime7	7704.68934834	Sum of GTIs [s]
			ontime8	7704.5251883268	Sum of GTIs [s]
			ontime9	7704.7303883433	Sum of GTIs [s]
			l1events	1042588	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	163612	190491	160027	184132	181932	162394	grade 0 events	49616	22004	47210	23473	50926	46477
rejected events	78505	69947	71954	65597	81234	76881		30%	11%	29%	12%	27%	28%
rejected %	47%	36%	44%	35%	44%	47%	grade 1 events	490	309	292	168	337	326
								0%	0%	0%	0%	0%	0%
							grade 2 events	13460	42586	15644	25897	18960	15128
								8%	22%	9%	14%	10%	9%
							grade 3 events	5988	5813	5750	11202	7073	5689
								3%	3%	3%	6%	3%	3%
							grade 4 events	5851	5648	5712	11321	7145	5817
								3%	2%	3%	6%	3%	3%
							grade 5 events	3982	9396	4193	10385	5315	4545
								2%	4%	2%	5%	2%	2%
							grade 6 events	11267	45966	14800	48102	17751	13436
								6%	24%	9%	26%	9%	8%
							grade 7 events	72958	58769	66426	53584	74425	70976
								44%	30%	41%	29%	40%	43%

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	356.6292751589295	356.6292751455751
[deg] Pointing Dec	-13.50419978063317	-13.50419977911099
[deg] Pointing Roll	318.8339648024821	318.8339647898828
[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)	339718971.15561	339718971.15561
Observation start date	2008-10-06T22:59:00	2008-10-06T22:22:51
[s] Observation end time (MET)	339728489.864499	339728489.864499
Observation end date	2008-10-07T00:46:00	2008-10-07T01:01:29
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)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.70468934834

A.2 Comments