

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58831 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 7 2012

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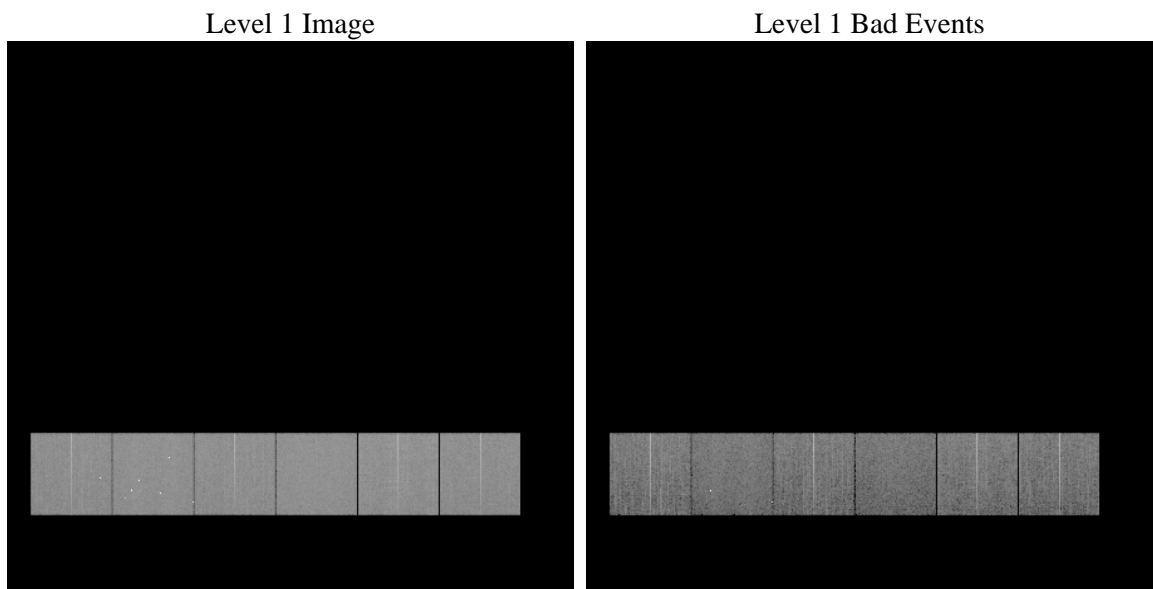
1 Front

seq_num	 	Sequence number
obs_id	58831	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	328.8734260418	Nominal RA [deg]
dec_nom	13.490811053004	Nominal Dec [deg]
roll_nom	164.48580161871	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	889979	Number of level 2 events

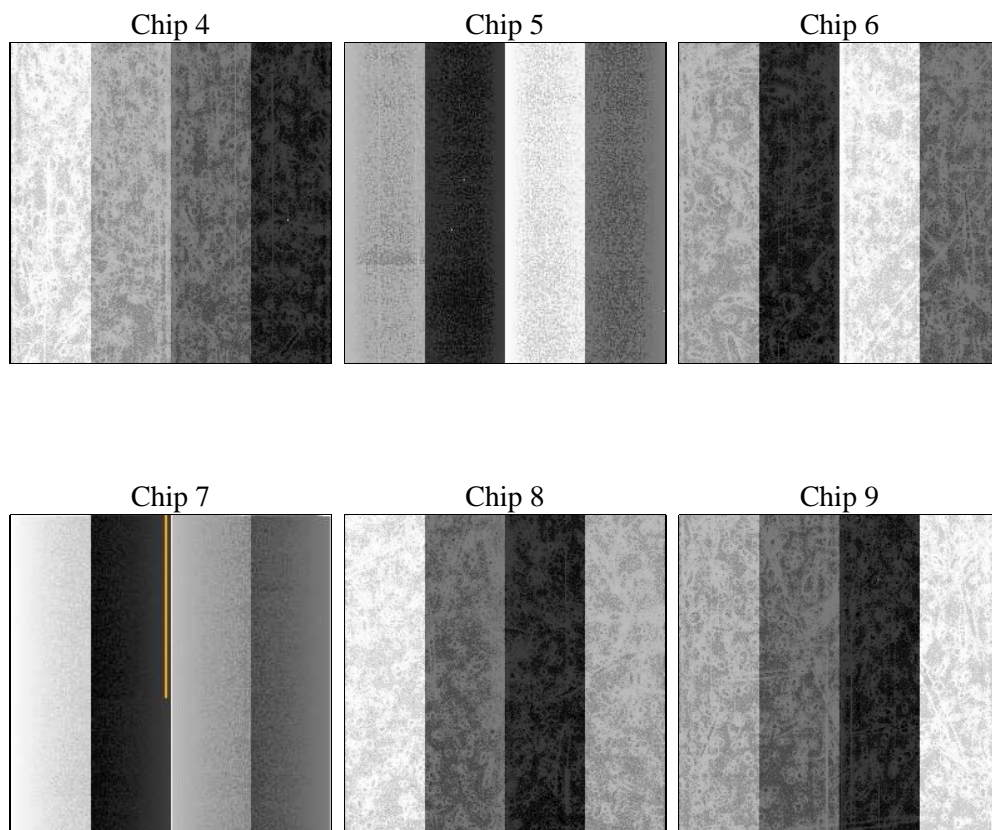
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-07T09:38:45	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1402519	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	223695	245576	227431	239521	243930	222366	grade 0 events	85089	33148	82352	38829	86651	81886
rejected events	79356	71627	74215	60921	79541	73642		38%	13%	36%	16%	35%	36%
rejected %	35%	29%	32%	25%	32%	33%	grade 1 events	800	303	467	175	549	604
								0%	0%	0%	0%	0%	0%
							grade 2 events	21553	64878	26911	39236	29204	25030
								9%	26%	11%	16%	11%	11%
							grade 3 events	9699	7868	9646	17096	11253	9637
								4%	3%	4%	7%	4%	4%
							grade 4 events	9728	7459	9430	16757	11041	9635
								4%	3%	4%	6%	4%	4%
							grade 5 events	4051	9983	4156	10010	5298	4593
								1%	4%	1%	4%	2%	2%
							grade 6 events	18340	60664	24939	66746	26285	22608
								8%	24%	10%	27%	10%	10%
							grade 7 events	74435	61273	69530	50672	73649	68373
								33%	24%	30%	21%	30%	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	0	328.873426041799
[deg] Pointing Dec	0	13.49081105300423
[deg] Pointing Roll	0.0	164.4858016187117
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	271672886.074026	271672885.04902
Observation start date	2006-08-11T08:41:26	2006-08-11T08:41:25
[s] Observation end time (MET)	271695382.775081	271695381.75008
Observation end date	2006-08-11T14:56:23	2006-08-11T14:56:21
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	8.271999969244

A.2 Comments