

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58516 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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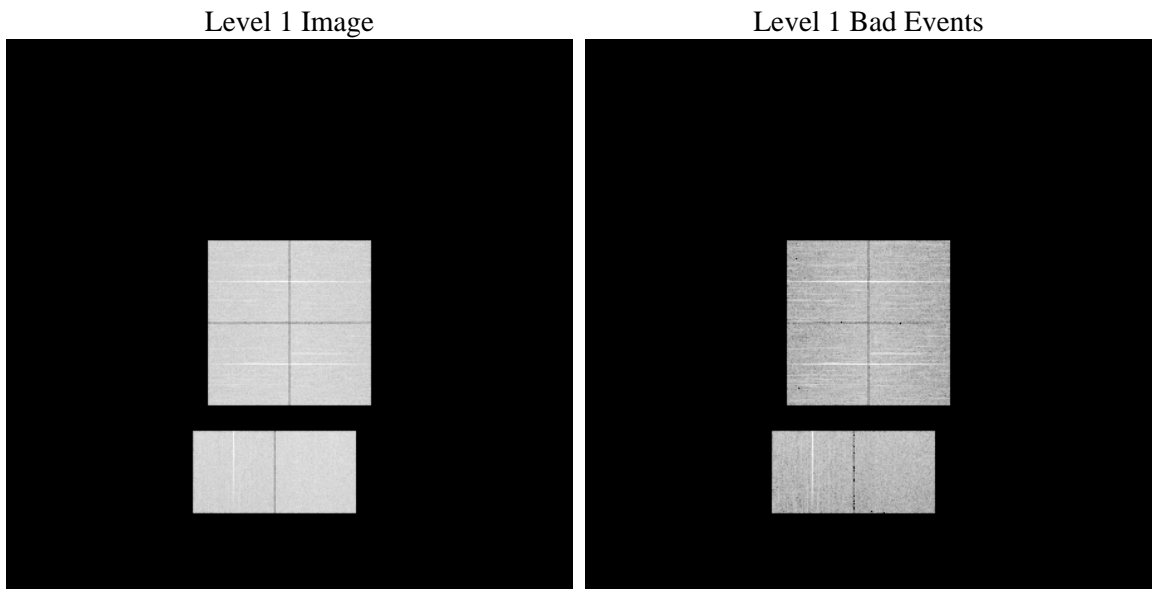
1 Front

seq_num	 	Sequence number
obs_id	58516	Observation id
title	ACIS-012367 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	165.02172754299	Nominal RA [deg]
dec_nom	-21.979522793584	Nominal Dec [deg]
roll_nom	12.622949991158	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8217.1208962798	Sum of GTIs [s]
livetime	8113.0707637349	Livetime [s]
ontime0	8217.0798562765	Sum of GTIs [s]
ontime1	8217.0388162732	Sum of GTIs [s]
ontime2	8216.9977762699	Sum of GTIs [s]
ontime3	8217.1619362831	Sum of GTIs [s]
ontime6	8216.9567362666	Sum of GTIs [s]
ontime7	8217.1208962798	Sum of GTIs [s]
l2events	771614	Number of level 2 events

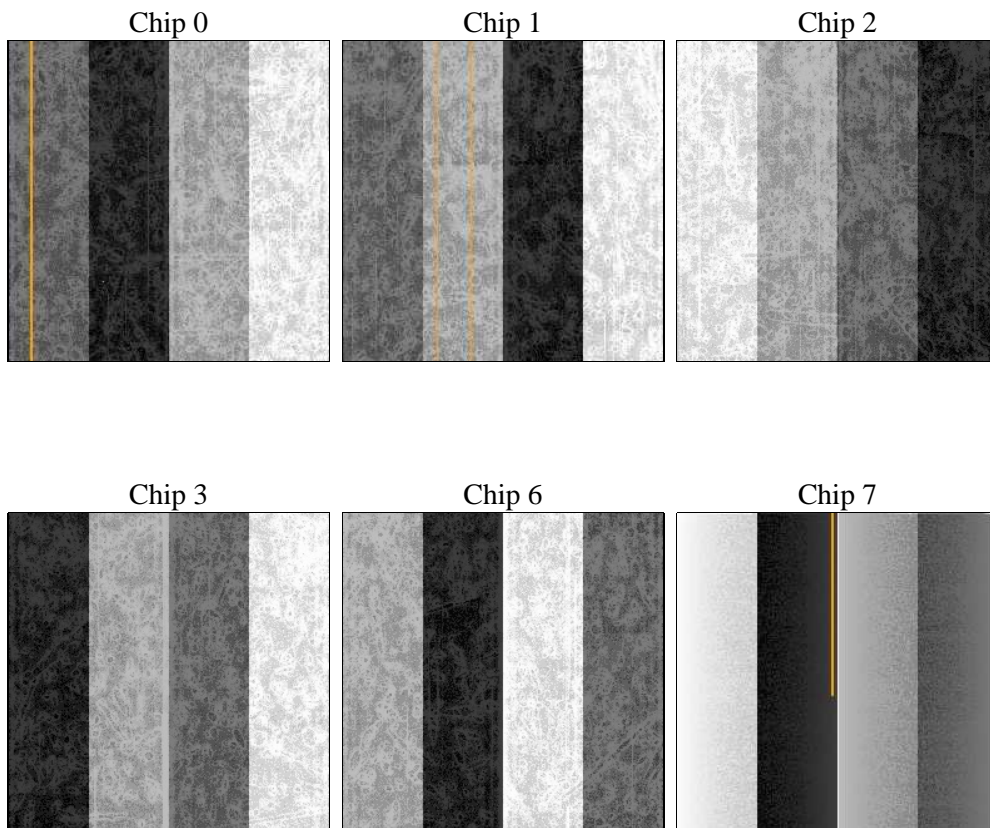
2 OBI

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	8.4.4	Processing system revision	ontime	8217.1208962798	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8217.0798562765	Sum of GTIs [s]
date	2012-04-20T15:43:39	Date and time of file creation	ontime1	8217.0388162732	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8216.9977762699	Sum of GTIs [s]
			ontime3	8217.1619362831	Sum of GTIs [s]
			ontime6	8216.9567362666	Sum of GTIs [s]
			ontime7	8217.1208962798	Sum of GTIs [s]
			l1events	1231217	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	199080	196356	201574	202523	205867	225817	grade 0 events	70291	69997	72040	72421	72254	35021
rejected events	70722	67111	71852	72833	71264	63980		35%	35%	35%	35%	35%	15%
rejected %	35%	34%	35%	35%	34%	28%	grade 1 events	505	460	501	526	414	176
								0%	0%	0%	0%	0%	0%
							grade 2 events	22853	23637	22264	22289	23812	35496
								11%	12%	11%	11%	11%	15%
							grade 3 events	8485	8402	8774	8708	8707	15711
								4%	4%	4%	4%	4%	6%
							grade 4 events	8540	8544	8932	8794	8620	15524
								4%	4%	4%	4%	4%	6%
							grade 5 events	3844	3961	3595	4370	4313	10599
								1%	2%	1%	2%	2%	4%
							grade 6 events	19124	19556	18701	18425	22177	61279
								9%	9%	9%	9%	10%	27%
							grade 7 events	65438	61799	66767	66990	65570	52011
								32%	31%	33%	33%	31%	23%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	165.0217275429904	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-21.97952279358447	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	12.62294999115828			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	288807658.133309	288807657.10831			
Observation start date	2007-02-25T16:20:58	2007-02-25T16:20:57			
[s] Observation end time (MET)	288831540.634444	288831539.60945			
Observation end date	2007-02-25T22:59:01	2007-02-25T22:58:59			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2171208962798

A.2 Comments