

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57526 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 23 2012

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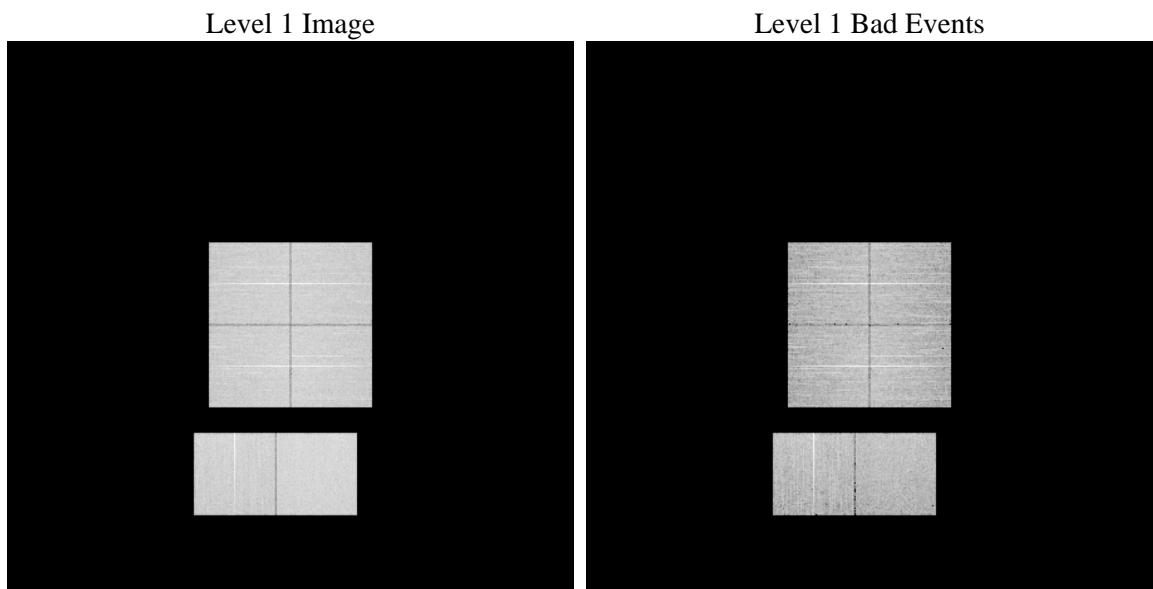
1 Front

seq_num	 	Sequence number
obs_id	57526	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	56.009264083537	Nominal RA [deg]
dec_nom	-3.4731623239641	Nominal Dec [deg]
roll_nom	37.507090032781	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime0	8271.999969244	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8271.999969244	Sum of GTIs [s]
ontime3	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	540121	Number of level 2 events

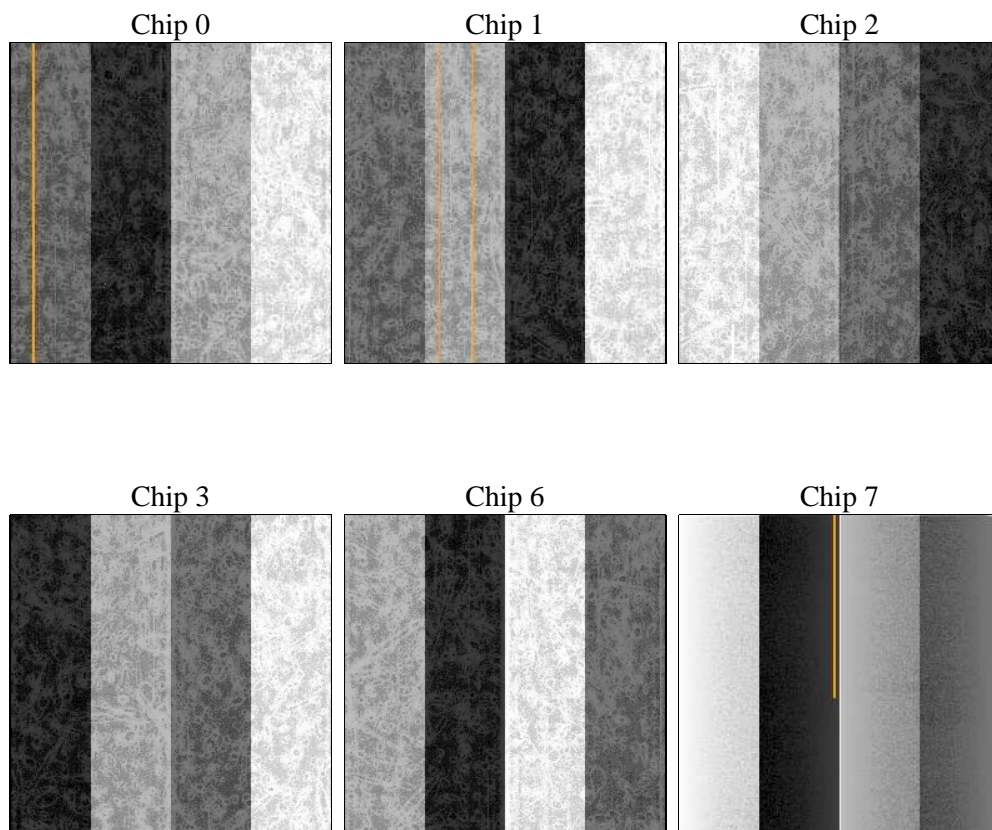
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8271.999969244	Sum of GTIs [s]
date	2012-05-23T13:47:28	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.999969244	Sum of GTIs [s]
			ontime3	8271.999969244	Sum of GTIs [s]
			ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	1001094	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	159276	157474	161036	164038	166129	193141	grade 0 events	47407	46986	48405	48703	47947	24196
rejected events	71083	68526	72680	75282	74817	68160		29%	29%	30%	29%	28%	12%
rejected %	44%	43%	45%	45%	45%	35%	grade 1 events	332	311	349	394	330	138
								0%	0%	0%	0%	0%	0%
							grade 2 events	15845	16529	15149	15432	16374	26897
								9%	10%	9%	9%	9%	13%
							grade 3 events	5959	5891	6024	6012	5908	11880
								3%	3%	3%	3%	3%	6%
							grade 4 events	5893	5896	5943	5926	6005	11570
								3%	3%	3%	3%	3%	5%
							grade 5 events	4039	4105	3801	4334	4423	11266
								2%	2%	2%	2%	2%	5%
							grade 6 events	13127	13678	12875	12717	15126	50486
								8%	8%	7%	7%	9%	26%
							grade 7 events	66674	64078	68490	70520	70016	56708
								41%	40%	42%	42%	42%	29%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	56.00926408353673
[deg] Pointing Dec	0	-3.473162323964083
[deg] Pointing Roll	0.0	37.50709003278132
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	342268589.081316	342268588.0563
Observation start date	2008-11-05T10:36:29	2008-11-05T10:36:28
[s] Observation end time (MET)	342290550.7324	342290549.70739
Observation end date	2008-11-05T16:42:31	2008-11-05T16:42:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments