

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52594 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 31 2014

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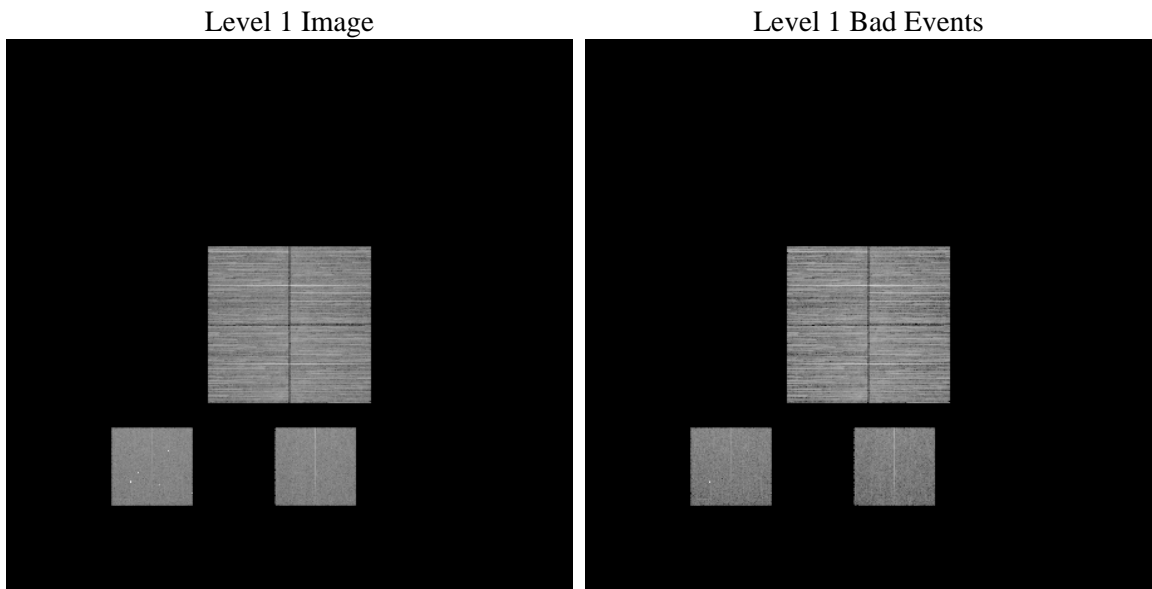
1 Front

seq_num	 	Sequence number
obs_id	52594	Observation id
title	ACIS-012357 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	337.11761760848	Nominal RA [deg]
dec_nom	-26.407806261452	Nominal Dec [deg]
roll_nom	81.510444136991	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8073.5999699831	Sum of GTIs [s]
livetime	7971.3671858249	Livetime [s]
ontime0	8073.5999699831	Sum of GTIs [s]
ontime1	8073.5999699831	Sum of GTIs [s]
ontime2	8073.5999699831	Sum of GTIs [s]
ontime3	8073.5999699831	Sum of GTIs [s]
ontime5	8073.5999699831	Sum of GTIs [s]
ontime7	8073.5999699831	Sum of GTIs [s]
l2events	197831	Number of level 2 events

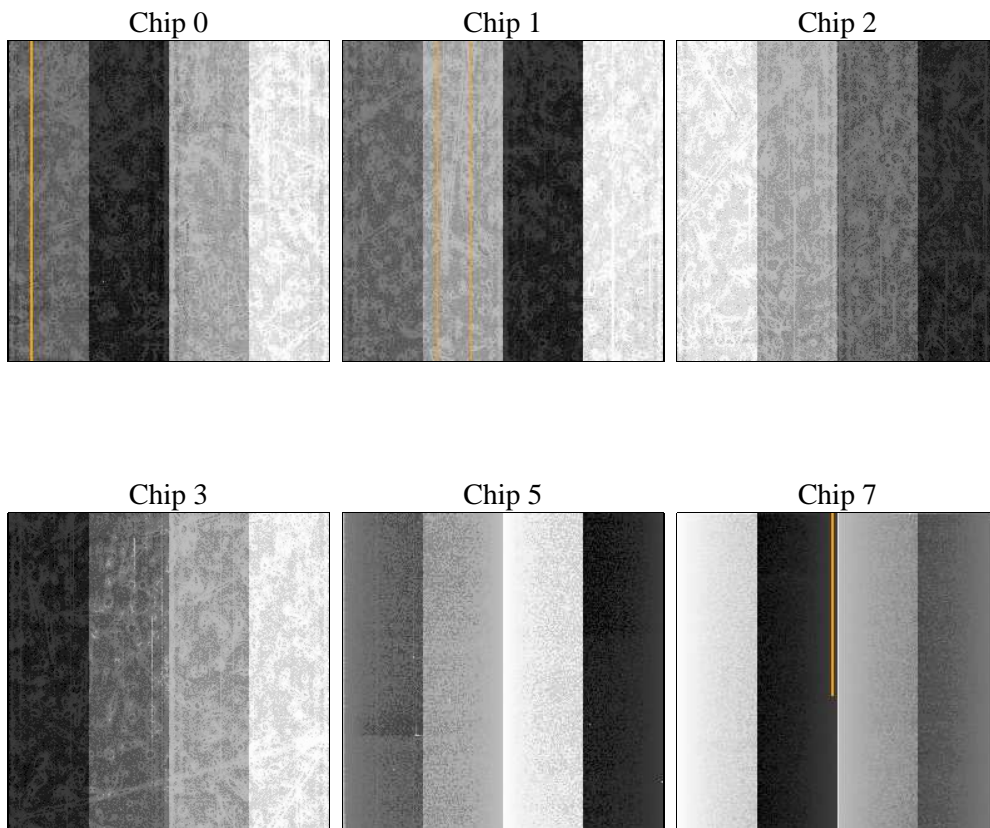
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	8073.5999699831	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8073.5999699831	Sum of GTIs [s]
date	2014-07-31T23:00:55	Date and time of file creation	ontime1	8073.5999699831	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8073.5999699831	Sum of GTIs [s]
			ontime3	8073.5999699831	Sum of GTIs [s]
			ontime5	8073.5999699831	Sum of GTIs [s]
			ontime7	8073.5999699831	Sum of GTIs [s]
			l1events	841337	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	145446	142504	148766	153515	131135	119971	grade 0 events	12837	12779	13911	13230	8063	7162
rejected events	120132	116791	122664	127885	73398	68437		8%	8%	9%	8%	6%	5%
rejected %	82%	81%	82%	83%	55%	57%	grade 1 events	70	61	76	72	134	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	5412	5679	5211	5159	21542	12985
								3%	3%	3%	3%	16%	10%
							grade 3 events	1805	1785	1824	1847	1997	4352
								1%	1%	1%	1%	1%	3%
							grade 4 events	1754	1735	1808	1952	1875	4177
								1%	1%	1%	1%	1%	3%
							grade 5 events	2856	2922	2676	3140	5960	7419
								1%	2%	1%	2%	4%	6%
							grade 6 events	4245	4501	4127	4174	25831	24309
								2%	3%	2%	2%	19%	20%
							grade 7 events	116467	113042	119133	123941	65733	59472
								80%	79%	80%	80%	50%	49%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	337.1176176084825
[deg] Pointing Dec	0	-26.40780626145159
[deg] Pointing Roll	0.0	81.51044413699115
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	523203567.002645	523203567.002645
Observation start date	2014-07-31T14:19:27	2014-07-31T14:19:27
[s] Observation end time (MET)	523213115.955155	523213115.955155
Observation end date	2014-07-31T16:58:36	2014-07-31T16:58:35
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.07.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0735999699831

A.2 Comments