

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51568 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 12 2015

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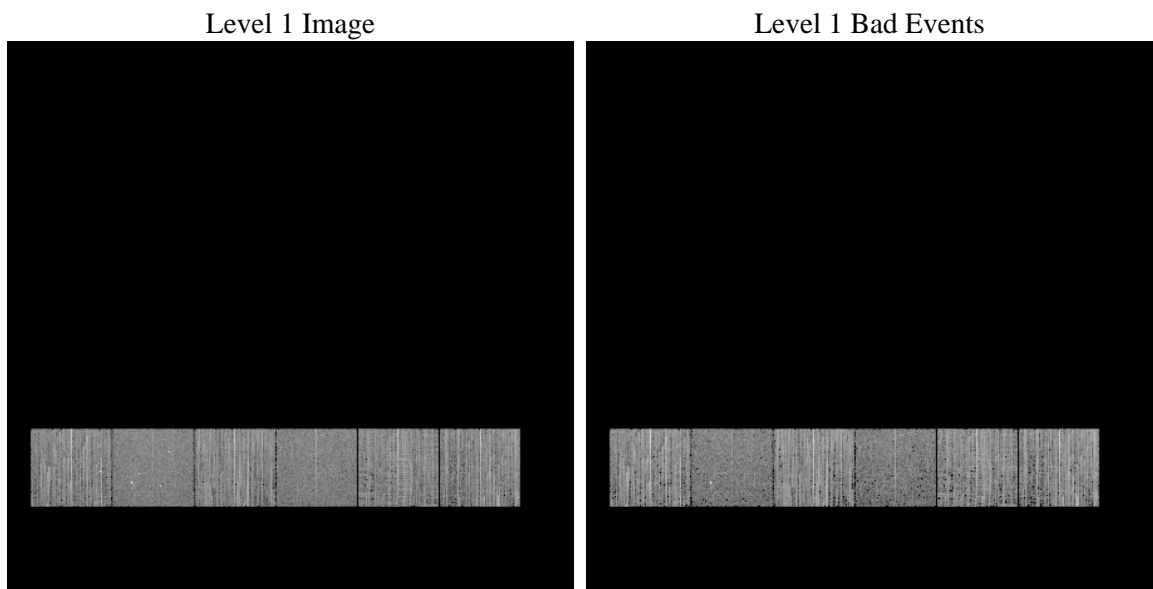
1 Front

seq_num	 	Sequence number
obs_id	51568	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	15.975728305231	Nominal RA [deg]
dec_nom	34.980466828522	Nominal Dec [deg]
roll_nom	180.44906468158	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3356.8000500202	Sum of GTIs [s]
livetime	3314.2942265645	Livetime [s]
ontime4	3356.8000500202	Sum of GTIs [s]
ontime5	3356.8000500202	Sum of GTIs [s]
ontime6	3356.8000500202	Sum of GTIs [s]
ontime7	3356.8000500202	Sum of GTIs [s]
ontime8	3356.8000500202	Sum of GTIs [s]
ontime9	3356.8000500202	Sum of GTIs [s]
l2events	72304	Number of level 2 events

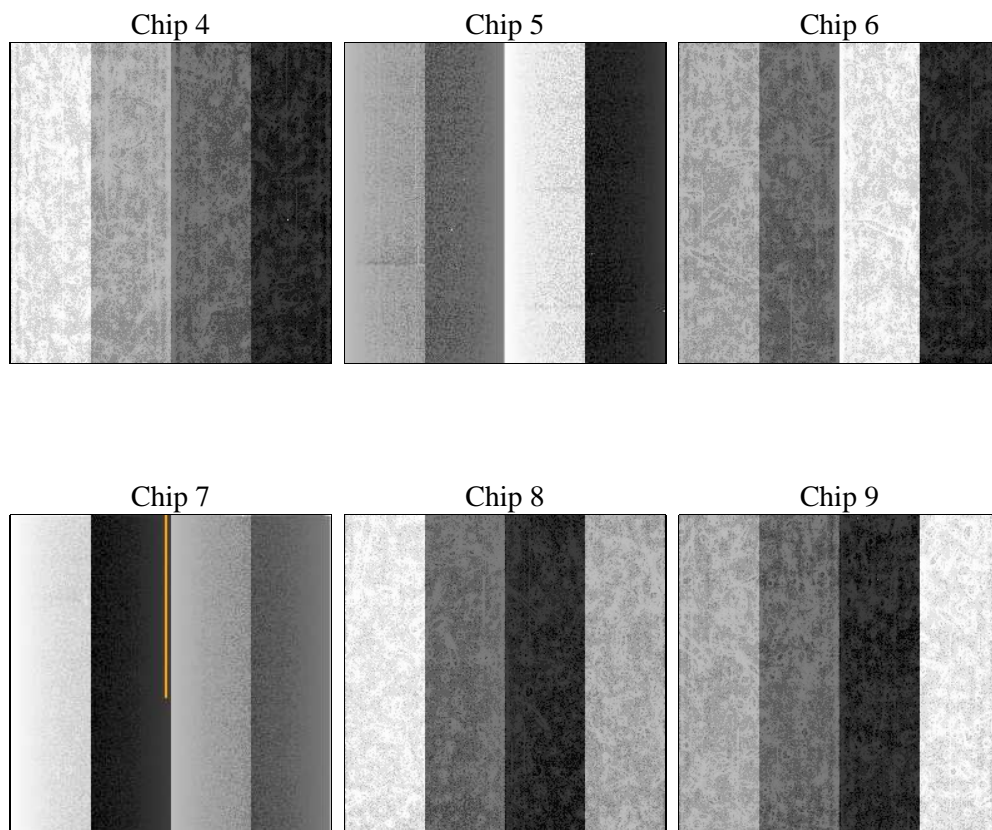
2 OBI

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	10.4.2.1	Processing system revision	ontime	3356.8000500202	Sum of GTIs [s]
caldbver	4.6.10a	 	ontime4	3356.8000500202	Sum of GTIs [s]
date	2015-10-12T05:16:58	Date and time of file creation	ontime5	3356.8000500202	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3356.8000500202	Sum of GTIs [s]
			ontime7	3356.8000500202	Sum of GTIs [s]
			ontime8	3356.8000500202	Sum of GTIs [s]
			ontime9	3356.8000500202	Sum of GTIs [s]
			l1events	373533	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	65524	57167	68496	49646	65675	67025	grade 0 events	5090	4299	4022	2316	5376	4317
rejected events	56108	33011	59343	30225	52613	58086		7%	7%	5%	4%	8%	6%
rejected %	85%	57%	86%	60%	80%	86%	grade 1 events	39	75	13	37	32	29
								0%	0%	0%	0%	0%	0%
							grade 2 events	1834	8090	2312	5000	2917	1944
								2%	14%	3%	10%	4%	2%
							grade 3 events	710	670	588	1454	1080	633
								1%	1%	0%	2%	1%	0%
							grade 4 events	713	629	601	1359	1036	583
								1%	1%	0%	2%	1%	0%
							grade 5 events	1388	2402	1276	2935	1767	1405
								2%	4%	1%	5%	2%	2%
							grade 6 events	1318	11057	1866	9812	2949	1675
								2%	19%	2%	19%	4%	2%
							grade 7 events	54432	29945	57818	26733	50518	56439
								83%	52%	84%	53%	76%	84%

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	15.97572830523134
[deg] Pointing Dec	0	34.98046682852207
[deg] Pointing Roll	0.0	180.4490646815806
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	560944342.553085	560944341.52808
Observation start date	2015-10-11T09:52:23	2015-10-11T09:52:21
[s] Observation end time (MET)	560951374.053483	560951373.0284801
Observation end date	2015-10-11T11:49:34	2015-10-11T11:49:33
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.10.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3568000500202

A.2 Comments