

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51196 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 12 2016

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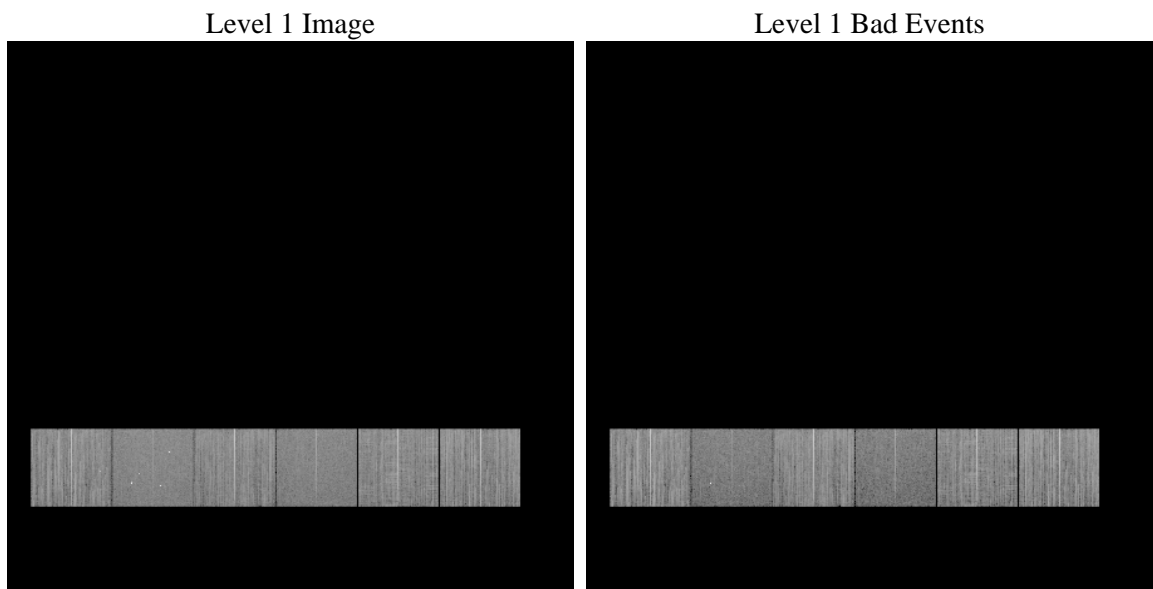
1 Front

seq_num	 	Sequence number
obs_id	51196	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	195.65908966482	Nominal RA [deg]
dec_nom	26.766770355196	Nominal Dec [deg]
roll_nom	135.25306479605	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8198.1420120001	Sum of GTIs [s]
livetime	8094.3322015157	Livetime [s]
ontime4	8198.0188919306	Sum of GTIs [s]
ontime5	8198.1009719372	Sum of GTIs [s]
ontime6	8198.0599319935	Sum of GTIs [s]
ontime7	8198.1420120001	Sum of GTIs [s]
ontime8	8197.9778519869	Sum of GTIs [s]
ontime9	8198.1830519438	Sum of GTIs [s]
l2events	184505	Number of level 2 events

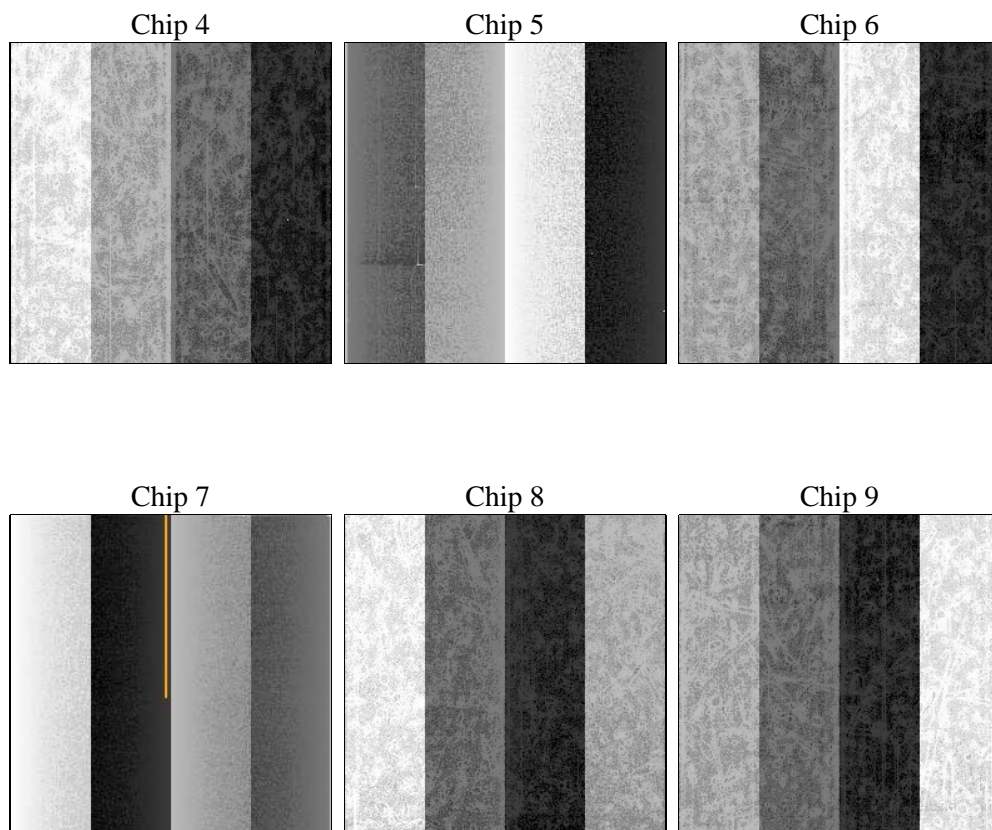
2 OBI

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	10.4.3.1	Processing system revision	ontime	8198.1420120001	Sum of GTIs [s]
caldbver	4.7.0	 	ontime4	8198.0188919306	Sum of GTIs [s]
date	2016-03-12T20:52:56	Date and time of file creation	ontime5	8198.1009719372	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8198.0599319935	Sum of GTIs [s]
			ontime7	8198.1420120001	Sum of GTIs [s]
			ontime8	8197.9778519869	Sum of GTIs [s]
			ontime9	8198.1830519438	Sum of GTIs [s]
			l1events	974907	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	177140	150227	166453	132753	168562	179772	grade 0 events	10776	7768	9934	5896	12858	9669
rejected events	156129	88258	145186	80495	135484	159023		6%	5%	5%	4%	7%	5%
rejected %	88%	58%	87%	60%	80%	88%	grade 1 events	102	173	58	92	88	69
								0%	0%	0%	0%	0%	0%
							grade 2 events	4243	21524	4642	13040	7595	4459
								2%	14%	2%	9%	4%	2%
							grade 3 events	1586	1964	1539	4089	2694	1613
								0%	1%	0%	3%	1%	0%
							grade 4 events	1599	1728	1380	3988	2497	1509
								0%	1%	0%	3%	1%	0%
							grade 5 events	3585	7586	3602	8842	4823	4106
								2%	5%	2%	6%	2%	2%
							grade 6 events	3016	29679	3995	25770	7766	3730
								1%	19%	2%	19%	4%	2%
							grade 7 events	152233	79805	141303	71036	130241	154617
								85%	53%	84%	53%	77%	86%

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	195.6590896648155
[deg] Pointing Dec	0	26.7667703551962
[deg] Pointing Roll	0.0	135.2530647960482
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)	574152458.388122	574152458.388122
Observation start date	2016-03-12T06:47:38	2016-03-12T06:47:38
[s] Observation end time (MET)	574161685.014838	574161685.014838
Observation end date	2016-03-12T09:21:25	2016-03-12T09:21:25
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)	2016.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1981420120001

A.2 Comments