

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51270 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 10 2016

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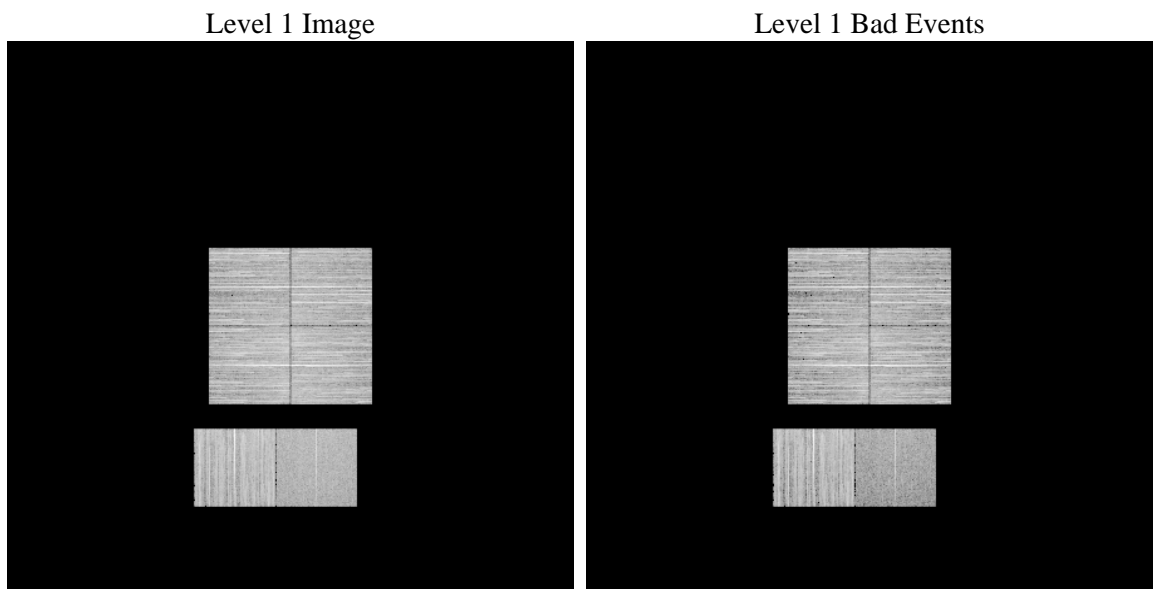
1 Front

seq_num	 	Sequence number
obs_id	51270	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	143.89380930686	Nominal RA [deg]
dec_nom	-9.4831757006269	Nominal Dec [deg]
roll_nom	2.7791195761765	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6012.8000895977	Sum of GTIs [s]
livetime	5936.6623943897	Livetime [s]
ontime0	6012.8000895977	Sum of GTIs [s]
ontime1	6012.8000895977	Sum of GTIs [s]
ontime2	6012.8000895977	Sum of GTIs [s]
ontime3	6012.8000895977	Sum of GTIs [s]
ontime6	6012.8000895977	Sum of GTIs [s]
ontime7	6012.8000895977	Sum of GTIs [s]
l2events	119325	Number of level 2 events

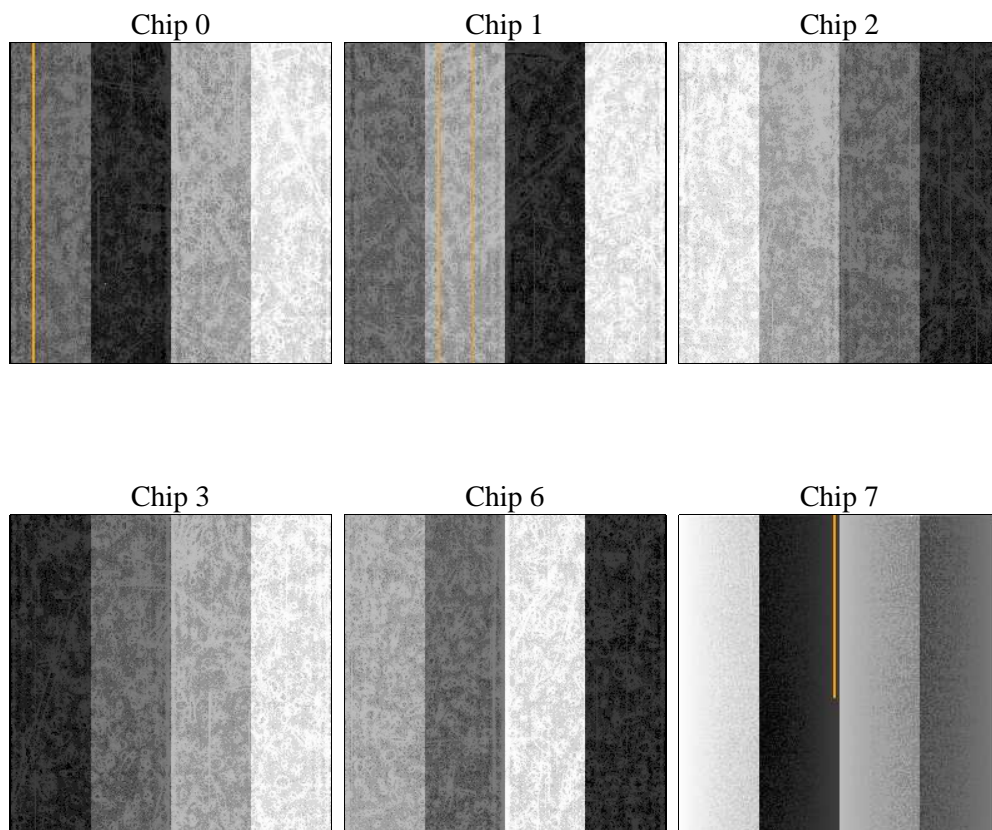
2 OBI

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	10.4.3.1	Processing system revision	ontime	6012.8000895977	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	6012.8000895977	Sum of GTIs [s]
date	2016-02-10T16:08:54	Date and time of file creation	ontime1	6012.8000895977	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6012.8000895977	Sum of GTIs [s]
			ontime3	6012.8000895977	Sum of GTIs [s]
			ontime6	6012.8000895977	Sum of GTIs [s]
			ontime7	6012.8000895977	Sum of GTIs [s]
			l1events	727400	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	119622	120386	129774	128577	131410	97631	grade 0 events	7905	7366	8248	8370	7556	4387
rejected events	102254	102722	112619	110944	113368	58622		6%	6%	6%	6%	5%	4%
rejected %	85%	85%	86%	86%	86%	60%	grade 1 events	41	30	40	52	51	83
								0%	0%	0%	0%	0%	0%
							grade 2 events	3941	4697	3613	3741	4551	10160
								3%	3%	2%	2%	3%	10%
							grade 3 events	1160	1163	1165	1258	1148	2675
								0%	0%	0%	0%	0%	2%
							grade 4 events	1204	1076	1204	1192	1124	2637
								1%	0%	0%	0%	0%	2%
							grade 5 events	2290	2195	2204	2590	2353	5858
								1%	1%	1%	2%	1%	6%
							grade 6 events	3165	3368	2934	3076	3667	19154
								2%	2%	2%	2%	2%	19%
							grade 7 events	99916	100491	110366	108298	110960	52677
								83%	83%	85%	84%	84%	53%

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	143.8938093068579
[deg] Pointing Dec	0	-9.483175700626866
[deg] Pointing Roll	0.0	2.779119576176549
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	571458374.949122	571458373.9241199
Observation start date	2016-02-10T02:26:15	2016-02-10T02:26:13
[s] Observation end time (MET)	571466109.599562	571466108.57456
Observation end date	2016-02-10T04:35:10	2016-02-10T04:35:08
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0128000895977

A.2 Comments