

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51514 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 11 2015

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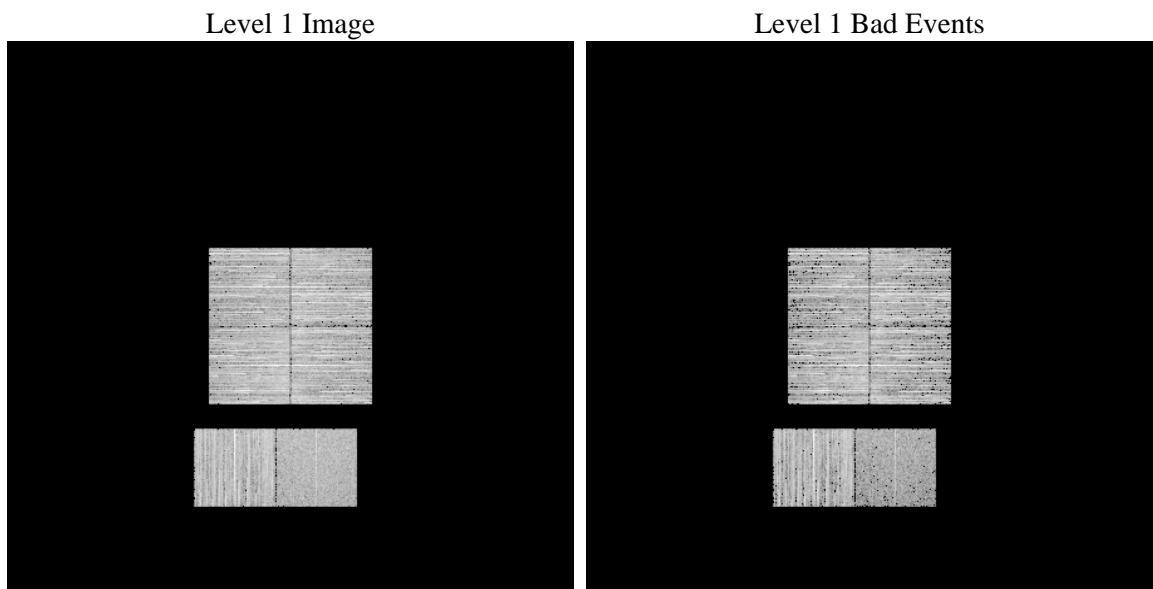
1 Front

seq_num	 	Sequence number
obs_id	51514	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	48.922603418513	Nominal RA [deg]
dec_nom	-6.4820080131849	Nominal Dec [deg]
roll_nom	6.1415663092566	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3192.8239848614	Sum of GTIs [s]
livetime	3152.3945250773	Livetime [s]
ontime0	3192.7829447985	Sum of GTIs [s]
ontime1	3192.7419048548	Sum of GTIs [s]
ontime2	3192.7008647919	Sum of GTIs [s]
ontime3	3192.8650248051	Sum of GTIs [s]
ontime6	3192.6598248482	Sum of GTIs [s]
ontime7	3192.8239848614	Sum of GTIs [s]
l2events	64181	Number of level 2 events

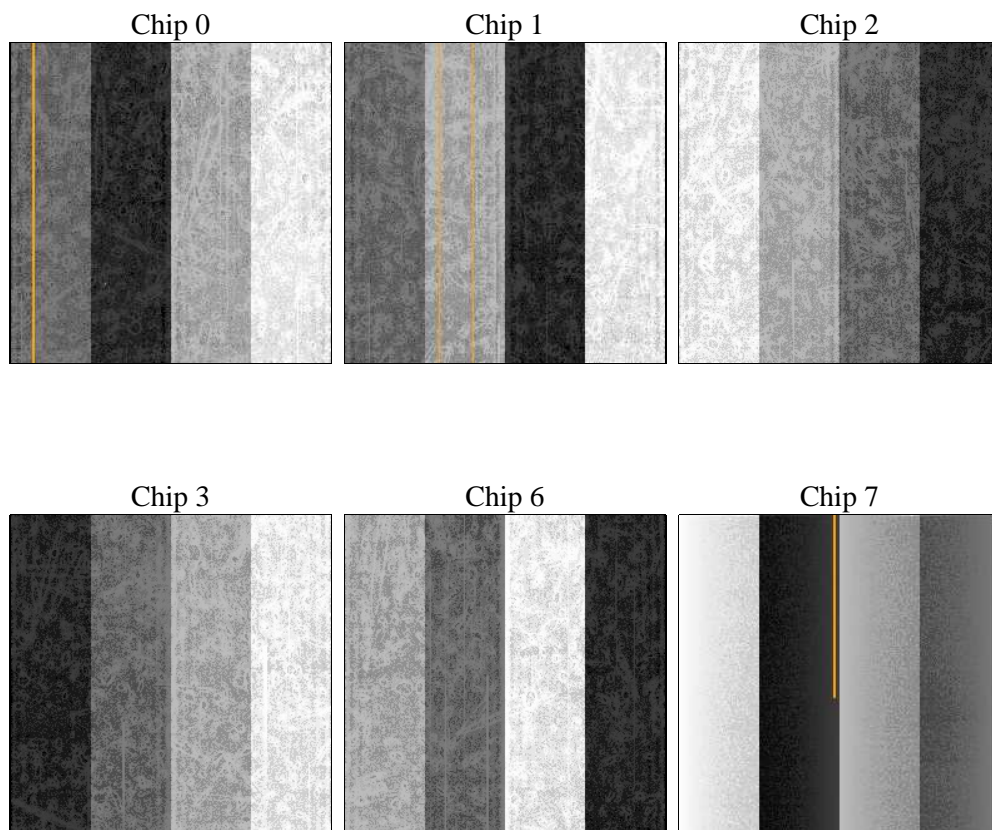
2 OBI

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	3192.8239848614	Sum of GTIs [s]
caldsver	4.6.10a	 	ontime0	3192.7829447985	Sum of GTIs [s]
date	2015-11-12T04:11:29	Date and time of file creation	ontime1	3192.7419048548	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3192.7008647919	Sum of GTIs [s]
			ontime3	3192.8650248051	Sum of GTIs [s]
			ontime6	3192.6598248482	Sum of GTIs [s]
			ontime7	3192.8239848614	Sum of GTIs [s]
			l1events	360722	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	59254	63702	65665	61591	62303	48207	grade 0 events	4513	4304	4815	4927	4695	2656
rejected events	49888	54054	56249	51914	52036	28353		7%	6%	7%	7%	7%	5%
rejected %	84%	84%	85%	84%	83%	58%	grade 1 events	30	27	33	36	31	36
								0%	0%	0%	0%	0%	0%
							grade 2 events	2158	2512	1940	2025	2481	5030
								3%	3%	2%	3%	3%	10%
							grade 3 events	613	639	684	649	665	1468
								1%	1%	1%	1%	1%	3%
							grade 4 events	618	657	635	689	680	1532
								1%	1%	0%	1%	1%	3%
							grade 5 events	1150	1166	1098	1247	1229	2911
								1%	1%	1%	2%	1%	6%
							grade 6 events	1829	1914	1686	1770	2159	9823
								3%	3%	2%	2%	3%	20%
							grade 7 events	48343	52483	54774	50248	50363	24751
								81%	82%	83%	81%	80%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	48.92260341851301	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-6.482008013184921	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	6.141566309256616	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	563647249.256009	563647249.256009			
Observation start date	2015-11-11T16:40:49	2015-11-11T16:40:49			
[s] Observation end time (MET)	563651798.8316669	563651798.8316669			
Observation end date	2015-11-11T17:56:39	2015-11-11T17:56:38			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.11.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1928239848614

A.2 Comments