

V&V Reference Report

L2 ASCDS Version : 10.3.1

Observation 52167 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 14 2015

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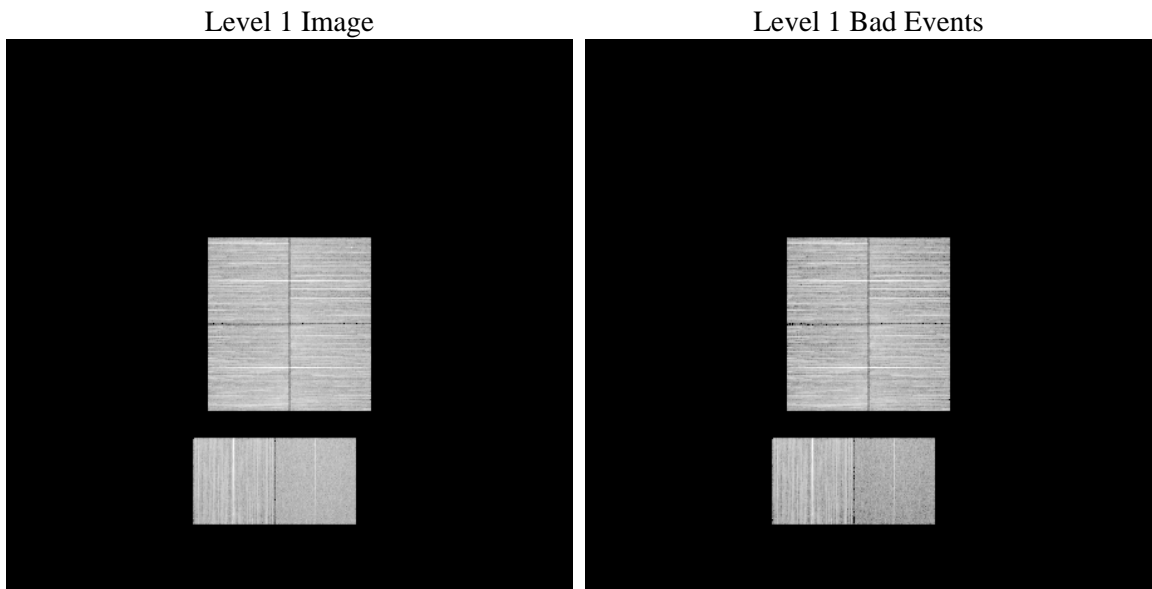
1 Front

seq_num	 	Sequence number
obs_id	52167	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	126.95612146959	Nominal RA [deg]
dec_nom	43.694403295895	Nominal Dec [deg]
roll_nom	153.93342980979	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8457.6001260281	Sum of GTIs [s]
livetime	8350.5049006769	Livetime [s]
ontime0	8457.6001260281	Sum of GTIs [s]
ontime1	8457.6001260281	Sum of GTIs [s]
ontime2	8457.6001260281	Sum of GTIs [s]
ontime3	8457.6001260281	Sum of GTIs [s]
ontime6	8457.6001260281	Sum of GTIs [s]
ontime7	8457.6001260281	Sum of GTIs [s]
l2events	183603	Number of level 2 events

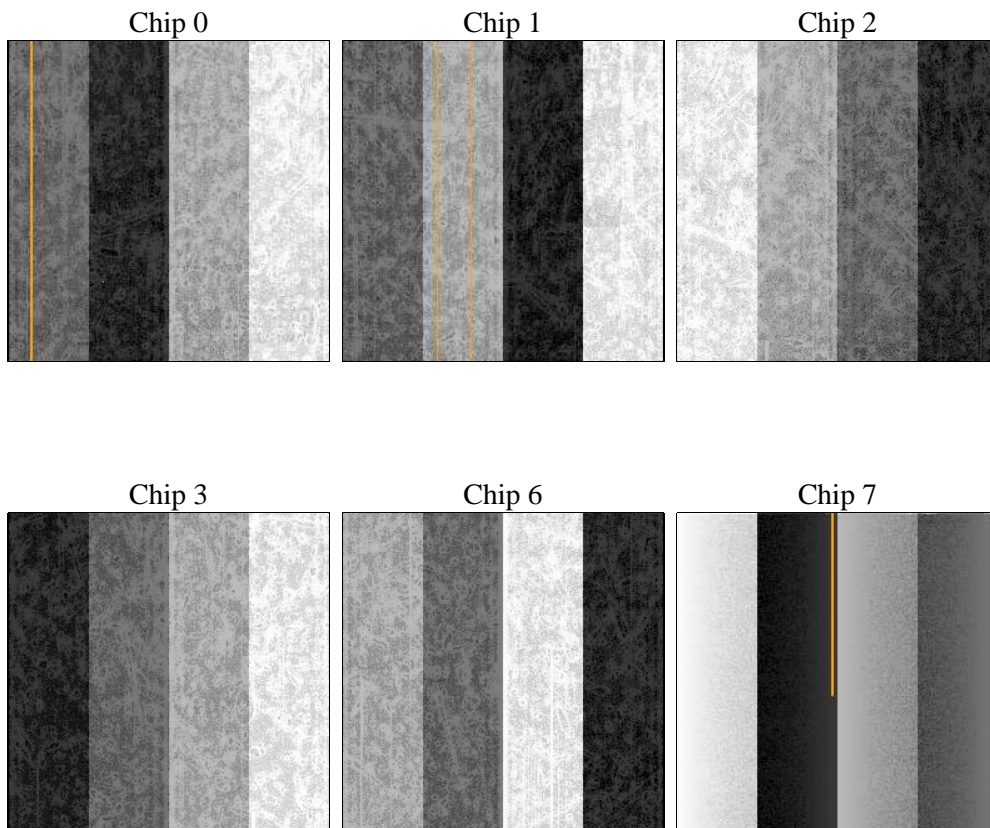
2 OBI

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	10.3.1	Processing system revision	ontime	8457.6001260281	Sum of GTIs [s]
caldsver	4.6.5	 	ontime0	8457.6001260281	Sum of GTIs [s]
date	2015-01-15T00:43:45	Date and time of file creation	ontime1	8457.6001260281	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8457.6001260281	Sum of GTIs [s]
			ontime3	8457.6001260281	Sum of GTIs [s]
			ontime6	8457.6001260281	Sum of GTIs [s]
			ontime7	8457.6001260281	Sum of GTIs [s]
			l1events	979773	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	166433	165423	178875	178408	162465	128169	grade 0 events	11946	10600	13101	13028	10481	6353
rejected events	138812	137441	151015	149950	133475	74236		7%	6%	7%	7%	6%	4%
rejected %	83%	83%	84%	84%	82%	57%	grade 1 events	45	45	93	82	43	94
								0%	0%	0%	0%	0%	0%
							grade 2 events	7216	8651	6640	6728	9425	13633
								4%	5%	3%	3%	5%	10%
							grade 3 events	1690	1482	1779	1854	1414	3703
								1%	0%	0%	1%	0%	2%
							grade 4 events	1602	1557	1721	1832	1381	3522
								0%	0%	0%	1%	0%	2%
							grade 5 events	2687	2597	2616	3199	2675	7080
								1%	1%	1%	1%	1%	5%
							grade 6 events	5167	5692	4619	5016	6289	26722
								3%	3%	2%	2%	3%	20%
							grade 7 events	136080	134799	148306	146669	130757	67062
								81%	81%	82%	82%	80%	52%

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	NONE	UPDATED
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	126.9561214695865	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	43.69440329589455	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	153.9334298097912	[s] Primary exposure time	3.2	3.2
[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)	537633979.055106	537633978.03011			
Observation start date	2015-01-14T14:46:19	2015-01-14T14:46:18			
[s] Observation end time (MET)	537645331.95574	537645330.93074			
Observation end date	2015-01-14T17:55:32	2015-01-14T17:55:30			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4576001260281

A.2 Comments