

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55546 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

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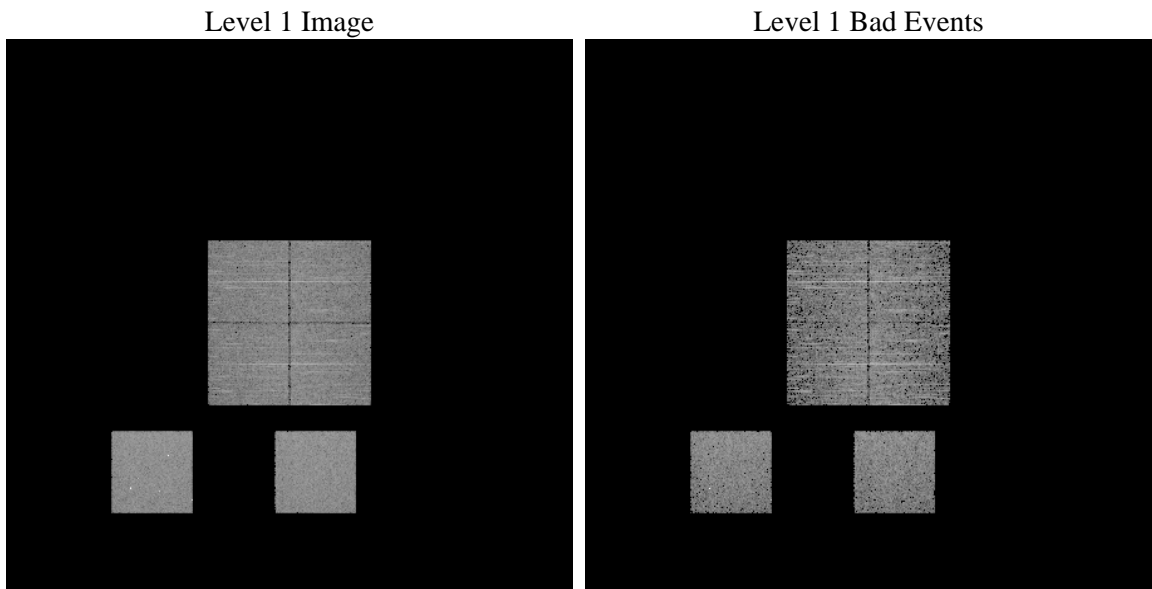
1 Front

seq_num	 	Sequence number
obs_id	55546	Observation id
title	ACIS-012357 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	167.90301236531	Nominal RA [deg]
dec_nom	7.9691062459978	Nominal Dec [deg]
roll_nom	241.93424090342	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3289.2287800312	Sum of GTIs [s]
livetime	3247.5785846827	Livetime [s]
ontime0	3289.1877400279	Sum of GTIs [s]
ontime1	3289.1467000246	Sum of GTIs [s]
ontime2	3289.1056600213	Sum of GTIs [s]
ontime3	3289.2698200345	Sum of GTIs [s]
ontime5	3289.064620018	Sum of GTIs [s]
ontime7	3289.2287800312	Sum of GTIs [s]
l2events	141157	Number of level 2 events

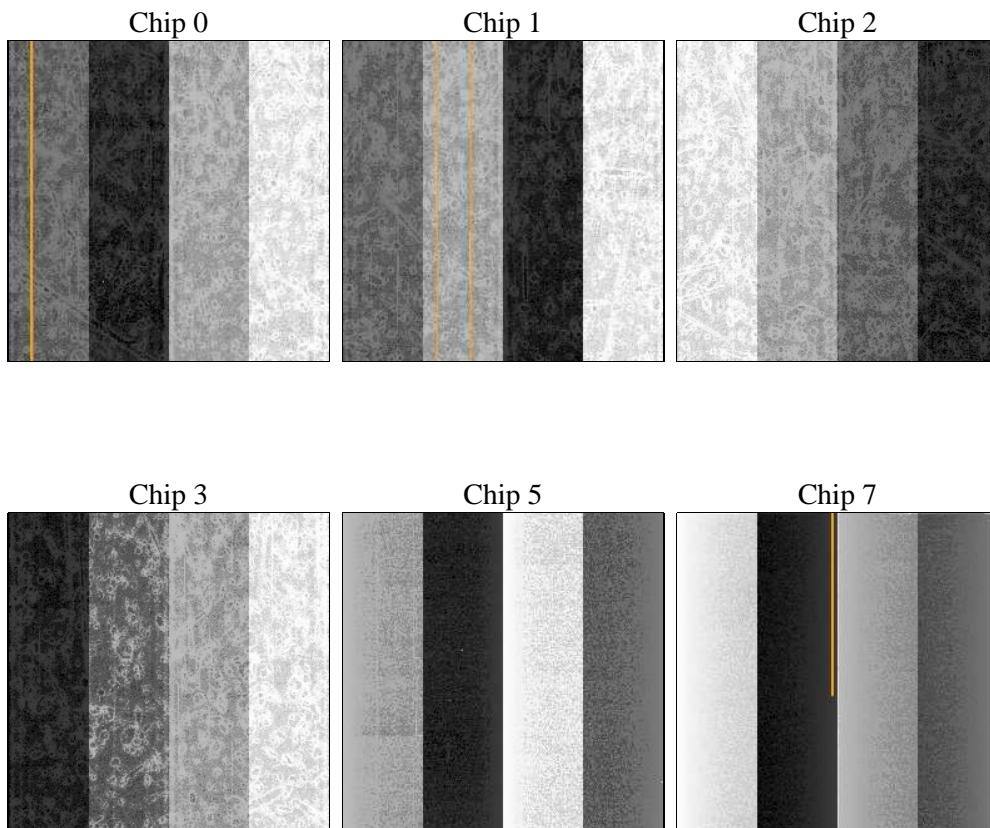
2 OBI

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	8.4.3	Processing system revision	ontime	3289.2287800312	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3289.1877400279	Sum of GTIs [s]
date	2012-02-07T13:45:59	Date and time of file creation	ontime1	3289.1467000246	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3289.1056600213	Sum of GTIs [s]
			ontime3	3289.2698200345	Sum of GTIs [s]
			ontime5	3289.064620018	Sum of GTIs [s]
			ontime7	3289.2287800312	Sum of GTIs [s]
			l1events	283914	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	41837	41309	41534	43486	59597	56151	grade 0 events	10952	10534	10959	11201	5348	5589
rejected events	21120	20831	21095	22744	24887	23691		26%	25%	26%	25%	8%	9%
rejected %	50%	50%	50%	52%	41%	42%	grade 1 events	68	50	77	67	115	54
								0%	0%	0%	0%	0%	0%
							grade 2 events	3798	3917	3632	3583	12076	7129
								9%	9%	8%	8%	20%	12%
							grade 3 events	1422	1397	1443	1429	1599	2935
								3%	3%	3%	3%	2%	5%
							grade 4 events	1398	1392	1410	1424	1422	2886
								3%	3%	3%	3%	2%	5%
							grade 5 events	1347	1398	1274	1489	3440	3695
								3%	3%	3%	3%	5%	6%
							grade 6 events	3147	3238	2995	3105	14265	13921
								7%	7%	7%	7%	23%	24%
							grade 7 events	19705	19383	19744	21188	21332	19942
								47%	46%	47%	48%	35%	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	167.9030123653058	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.969106245997841	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	241.9342409034215	[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)	418097961.717398	418097960.6924			
Observation start date	2011-04-02T02:19:22	2011-04-02T02:19:20			
[s] Observation end time (MET)	418116803.268375	418116802.24338			
Observation end date	2011-04-02T07:33:23	2011-04-02T07:33:22			
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)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2892287800312

A.2 Comments