

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54728 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 4 2012

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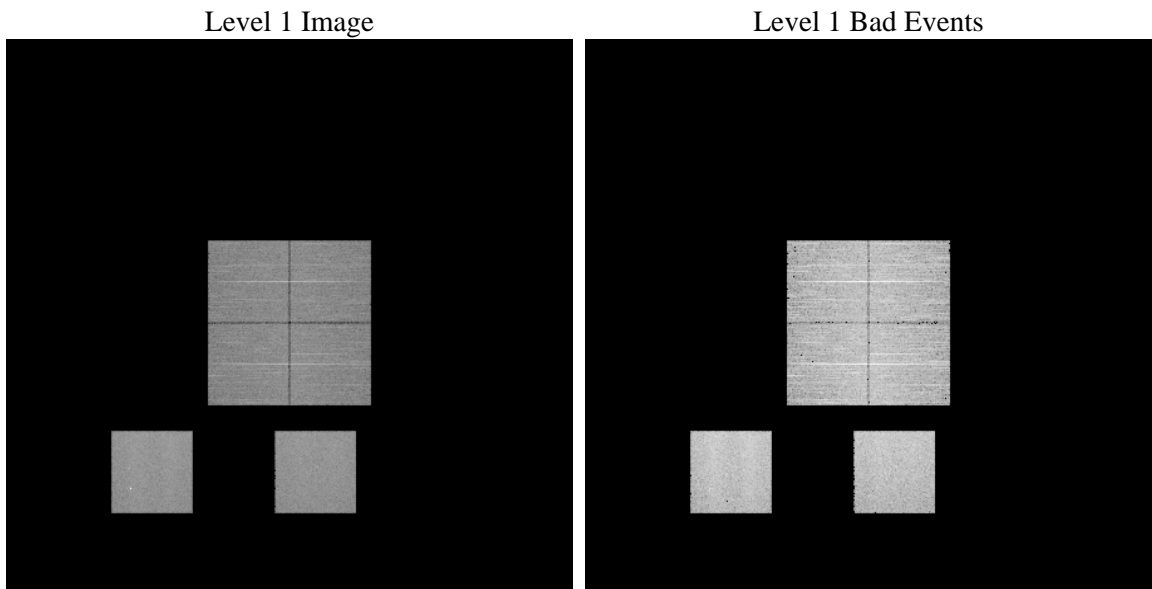
1 Front

seq_num	 	Sequence number
obs_id	54728	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	167.02838331215	Nominal RA [deg]
dec_nom	-24.012293231587	Nominal Dec [deg]
roll_nom	301.7403264992	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime0	8275.1999692321	Sum of GTIs [s]
ontime1	8275.1999692321	Sum of GTIs [s]
ontime2	8275.1999692321	Sum of GTIs [s]
ontime3	8275.1999692321	Sum of GTIs [s]
ontime5	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
l2events	281621	Number of level 2 events

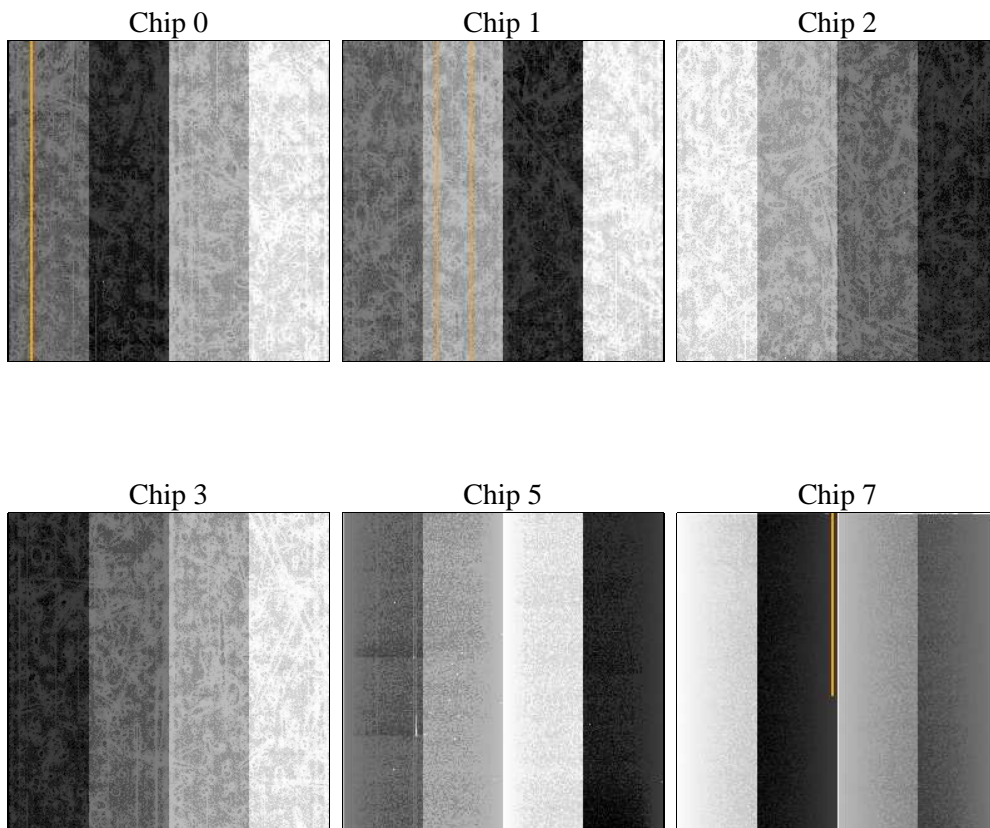
2 OBI

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	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8275.1999692321	Sum of GTIs [s]
date	2012-04-04T15:56:38	Date and time of file creation	ontime1	8275.1999692321	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8275.1999692321	Sum of GTIs [s]
			ontime3	8275.1999692321	Sum of GTIs [s]
			ontime5	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			l1events	624762	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	90162	91390	93532	95520	130336	123822	grade 0 events	18102	15112	19288	19233	5891	9982
rejected events	50289	51655	53880	55501	60390	56505		20%	16%	20%	20%	4%	8%
rejected %	55%	56%	57%	58%	46%	45%	grade 1 events	74	69	94	107	151	101
								0%	0%	0%	0%	0%	0%
							grade 2 events	10414	12881	9295	9389	23913	14410
								11%	14%	9%	9%	18%	11%
							grade 3 events	2288	2083	2420	2426	2978	5790
								2%	2%	2%	2%	2%	4%
							grade 4 events	2218	1994	2430	2441	2951	5317
								2%	2%	2%	2%	2%	4%
							grade 5 events	2744	2581	2594	2967	6028	7623
								3%	2%	2%	3%	4%	6%
							grade 6 events	6851	7665	6219	6530	34213	31818
								7%	8%	6%	6%	26%	25%
							grade 7 events	47471	49005	51192	52427	54211	48781
								52%	53%	54%	54%	41%	39%

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	167.0283833121497	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-24.01229323158665	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	301.7403264992008	[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)	449884506.350774	449884505.32577			
Observation start date	2012-04-03T23:55:06	2012-04-03T23:55:05			
[s] Observation end time (MET)	449894444.751301	449894443.7263			
Observation end date	2012-04-04T02:40:45	2012-04-04T02:40:43			
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)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments