

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62848 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

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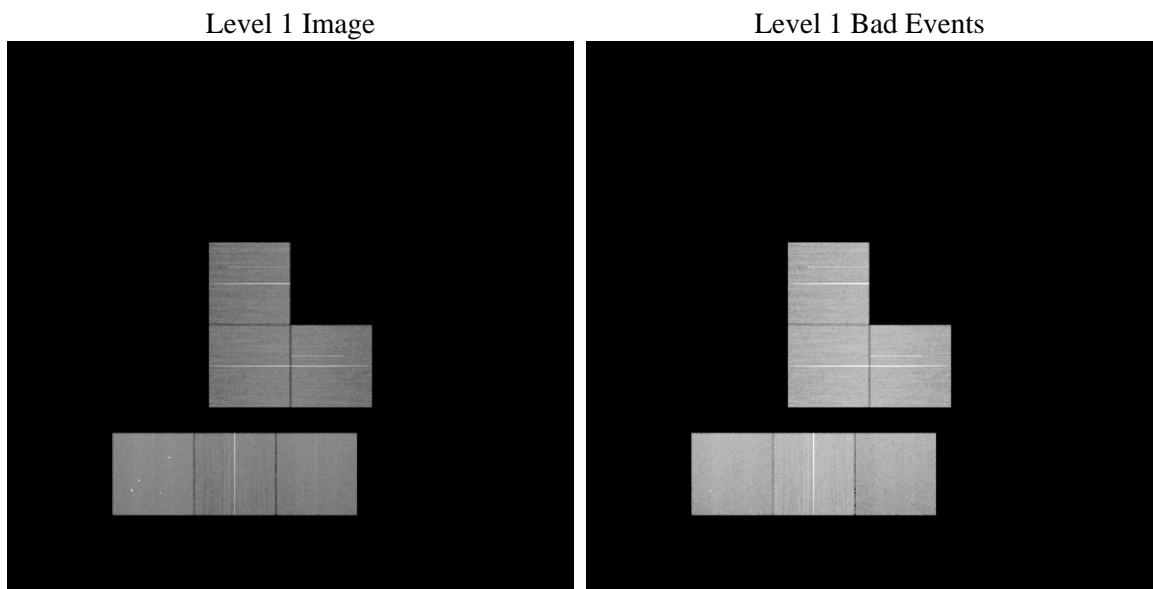
1 Front

seq_num	 	Sequence number
obs_id	62848	Observation id
title	ACIS-023567 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	284.6420658603	Nominal RA [deg]
dec_nom	-37.729954635821	Nominal Dec [deg]
roll_nom	86.88692615319	Nominal Roll [deg]
revision	3	Processing version of data
ontime	48070.276900053	Sum of GTIs [s]
livetime	47461.582109499	Livetime [s]
ontime0	48067.035840183	Sum of GTIs [s]
ontime2	48073.517870367	Sum of GTIs [s]
ontime3	48073.517870367	Sum of GTIs [s]
ontime5	48070.276890069	Sum of GTIs [s]
ontime6	48073.517850459	Sum of GTIs [s]
ontime7	48070.276900053	Sum of GTIs [s]
l2events	338831	Number of level 2 events

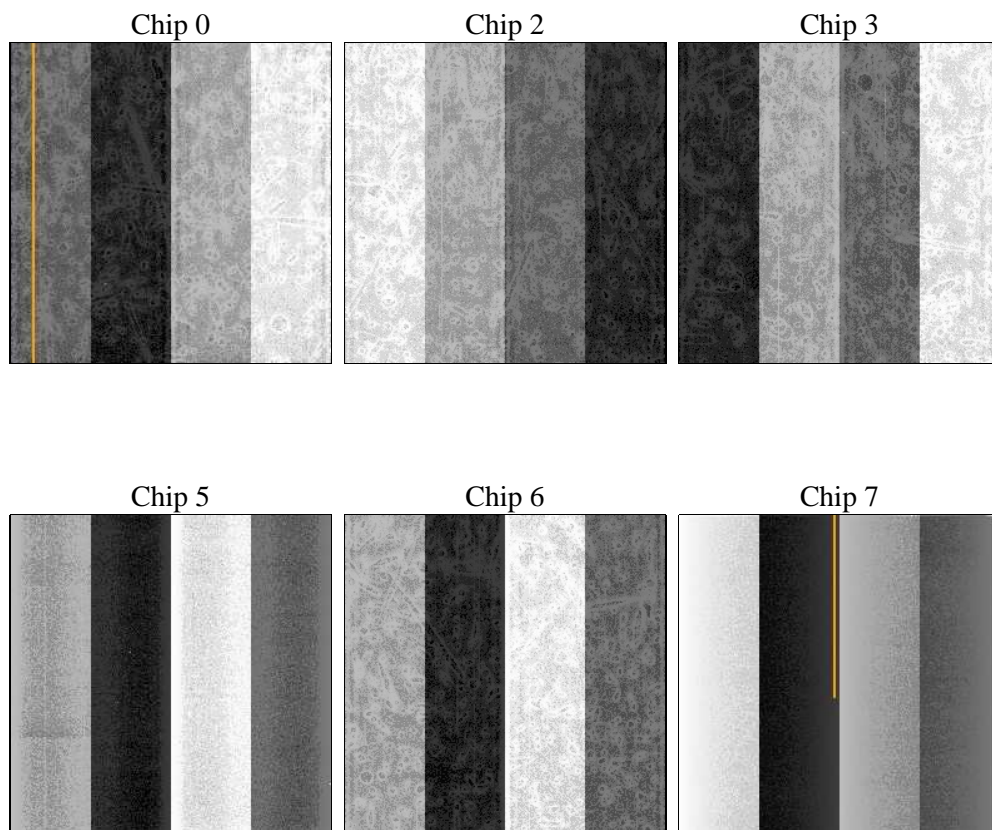
2 OBI

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	8.4.5	Processing system revision	ontime	48070.276900053	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	48067.035840183	Sum of GTIs [s]
date	2012-10-27T17:13:17	Date and time of file creation	ontime2	48073.517870367	Sum of GTIs [s]
revision	3	Processing version of data	ontime3	48073.517870367	Sum of GTIs [s]
			ontime5	48070.276890069	Sum of GTIs [s]
			ontime6	48073.517850459	Sum of GTIs [s]
			ontime7	48070.276900053	Sum of GTIs [s]
			l1events	1574998	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	225585	250596	240372	332571	259500	266374	grade 0 events	7219	7323	6744	23801	7594	10176
rejected events	202843	228303	219452	165508	235307	146993		3%	2%	2%	7%	2%	3%
rejected %	89%	91%	91%	49%	90%	55%	grade 1 events	108	110	111	572	131	216
								0%	0%	0%	0%	0%	0%
							grade 2 events	5263	5401	4557	45331	5364	23646
								2%	2%	1%	13%	2%	8%
							grade 3 events	2943	2590	2681	7343	2991	11748
								1%	1%	1%	2%	1%	4%
							grade 4 events	2660	2693	2644	7116	2867	11544
								1%	1%	1%	2%	1%	4%
							grade 5 events	8517	8049	9599	26886	10337	28997
								3%	3%	3%	8%	3%	10%
							grade 6 events	4692	4327	4333	83782	5419	62498
								2%	1%	1%	25%	2%	23%
							grade 7 events	194183	220103	209703	137740	224797	117549
								86%	87%	87%	41%	86%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	284.6420658603047	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.72995463582149	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	86.88692615318965			
[mm] SIM focus pos	-0.684267	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	-190.132523	51.99855475156236			
[mm] SIM translation stage offset	0	74.98693414003921			
[s] Observation start time (MET)	168429188.590547	168429187.56583			
Observation start date	2003-05-04T09:53:09	2003-05-04T09:53:07			
[s] Observation end time (MET)	168479069.192654	168479068.16794			
Observation end date	2003-05-04T23:44:29	2003-05-04T23:44:28			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.070276900053

A.2 Comments