

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57278 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 31 2012

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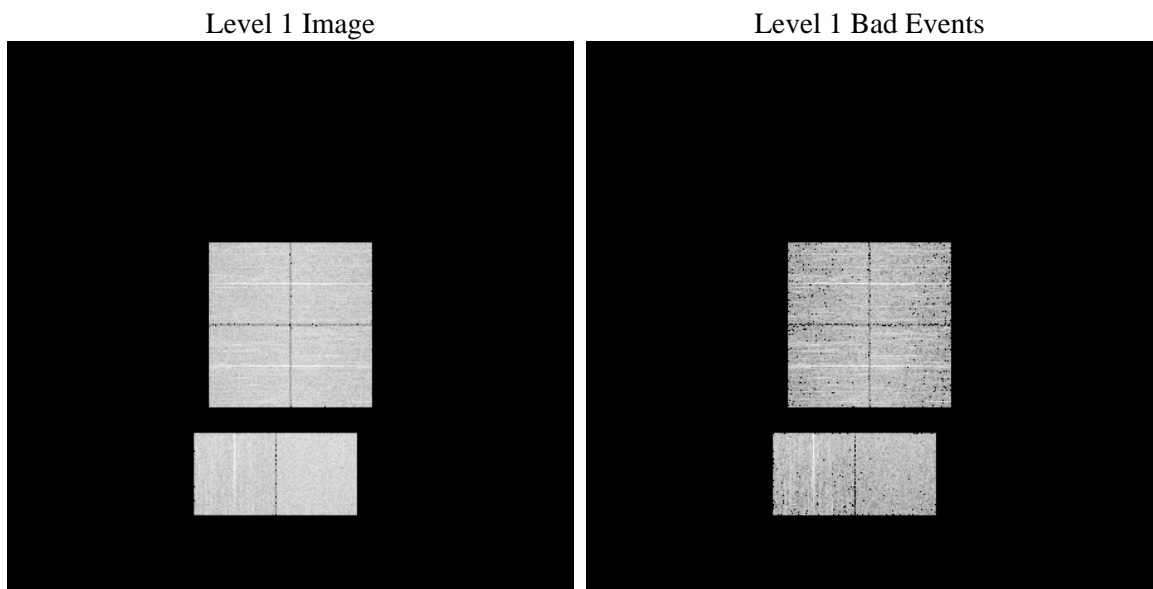
1 Front

seq_num	 	Sequence number
obs_id	57278	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	178.39322502672	Nominal RA [deg]
dec_nom	2.8278607010481	Nominal Dec [deg]
roll_nom	70.796578240971	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3270.3999878764	Sum of GTIs [s]
livetime	3228.9882140315	Livetime [s]
ontime0	3270.3999878764	Sum of GTIs [s]
ontime1	3270.3999878764	Sum of GTIs [s]
ontime2	3270.3999878764	Sum of GTIs [s]
ontime3	3270.3999878764	Sum of GTIs [s]
ontime6	3270.3999878764	Sum of GTIs [s]
ontime7	3270.3999878764	Sum of GTIs [s]
l2events	203673	Number of level 2 events

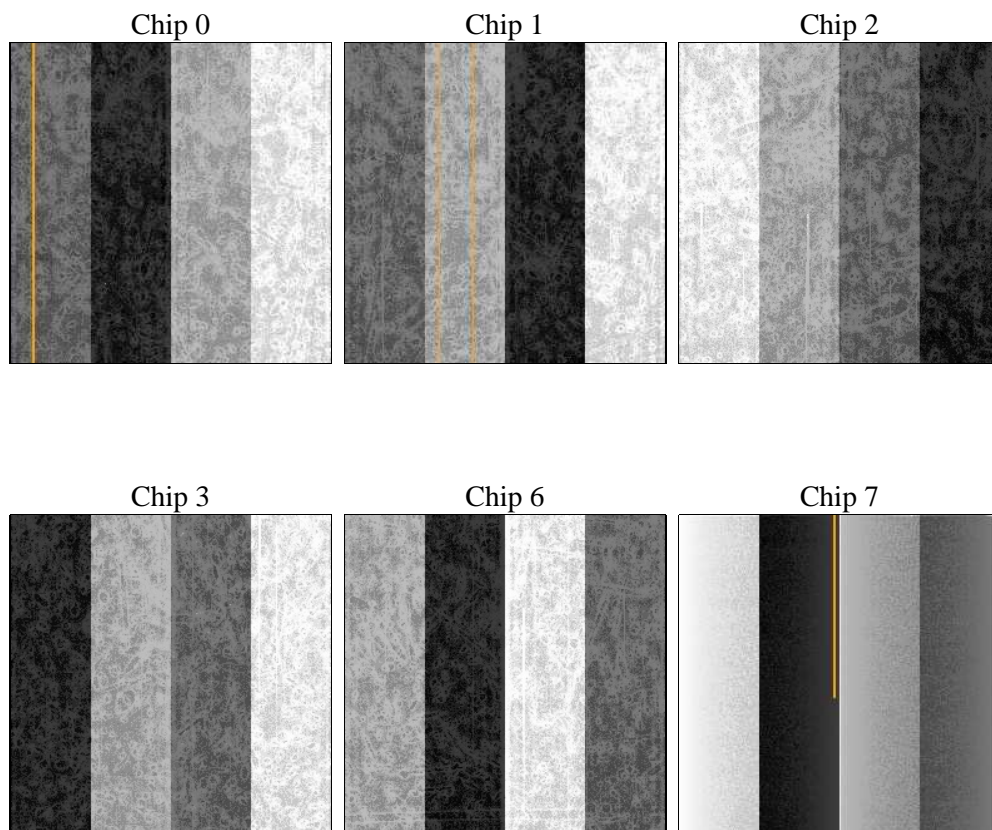
2 OBI

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	8.4.4	Processing system revision	ontime	3270.3999878764	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	3270.3999878764	Sum of GTIs [s]
date	2012-05-31T14:45:35	Date and time of file creation	ontime1	3270.3999878764	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3270.3999878764	Sum of GTIs [s]
			ontime3	3270.3999878764	Sum of GTIs [s]
			ontime6	3270.3999878764	Sum of GTIs [s]
			ontime7	3270.3999878764	Sum of GTIs [s]
			l1events	393872	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	60799	61614	64036	64467	66531	76425	grade 0 events	17307	17300	18211	18169	17984	9278
rejected events	28300	28673	30919	31135	31927	27827		28%	28%	28%	28%	27%	12%
rejected %	46%	46%	48%	48%	47%	36%	grade 1 events	132	107	149	163	125	50
								0%	0%	0%	0%	0%	0%
							grade 2 events	5796	6141	5765	5855	6318	10595
								9%	9%	9%	9%	9%	13%
							grade 3 events	2238	2208	2251	2249	2289	4591
								3%	3%	3%	3%	3%	6%
							grade 4 events	2194	2226	2172	2252	2234	4572
								3%	3%	3%	3%	3%	5%
							grade 5 events	1664	1694	1565	1791	1811	4599
								2%	2%	2%	2%	2%	6%
							grade 6 events	4996	5097	4744	4807	5812	19562
								8%	8%	7%	7%	8%	25%
							grade 7 events	26472	26841	29179	29181	29958	23178
								43%	43%	45%	45%	45%	30%

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	178.3932250267171	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	2.827860701048124	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	70.79657824097104	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	351604342.843047	351604341.81805			
Observation start date	2009-02-21T11:52:23	2009-02-21T11:52:21			
[s] Observation end time (MET)	351616052.443627	351616051.41864			
Observation end date	2009-02-21T15:07:32	2009-02-21T15:07:31			
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)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2703999878764

A.2 Comments