

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54465 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 17 2012

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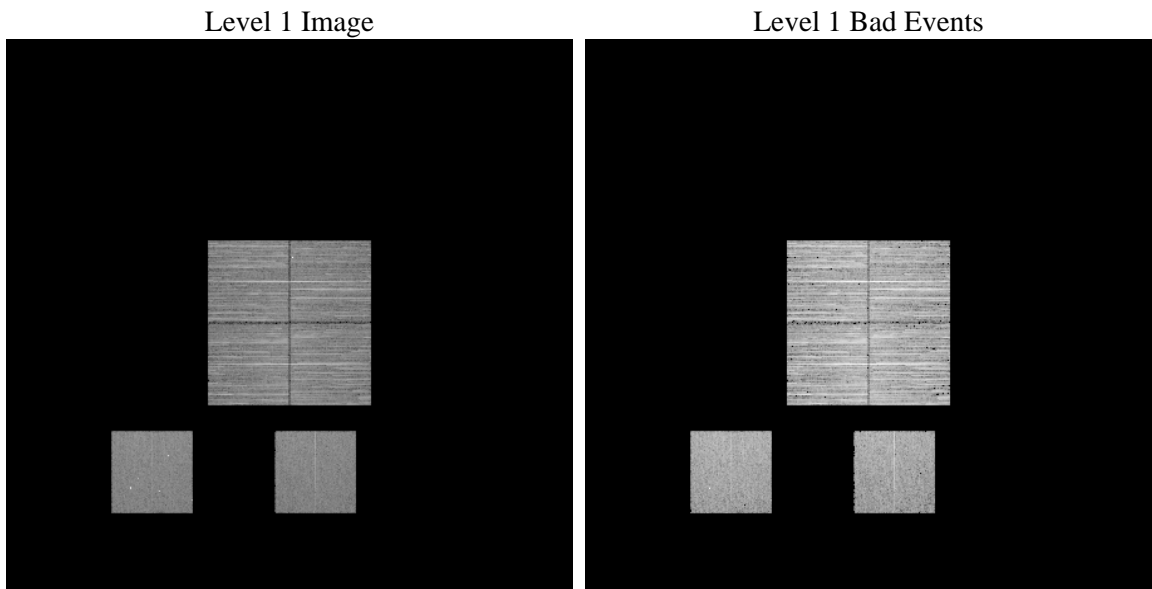
1 Front

seq_num	 	Sequence number
obs_id	54465	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	172.00698530557	Nominal RA [deg]
dec_nom	8.9719689783945	Nominal Dec [deg]
roll_nom	251.02090865956	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6156.6465677619	Sum of GTIs [s]
livetime	6078.6874018334	Livetime [s]
ontime0	6156.6055277586	Sum of GTIs [s]
ontime1	6156.5644877553	Sum of GTIs [s]
ontime2	6156.523447752	Sum of GTIs [s]
ontime3	6156.6876077652	Sum of GTIs [s]
ontime5	6156.4824077487	Sum of GTIs [s]
ontime7	6156.6465677619	Sum of GTIs [s]
l2events	201833	Number of level 2 events

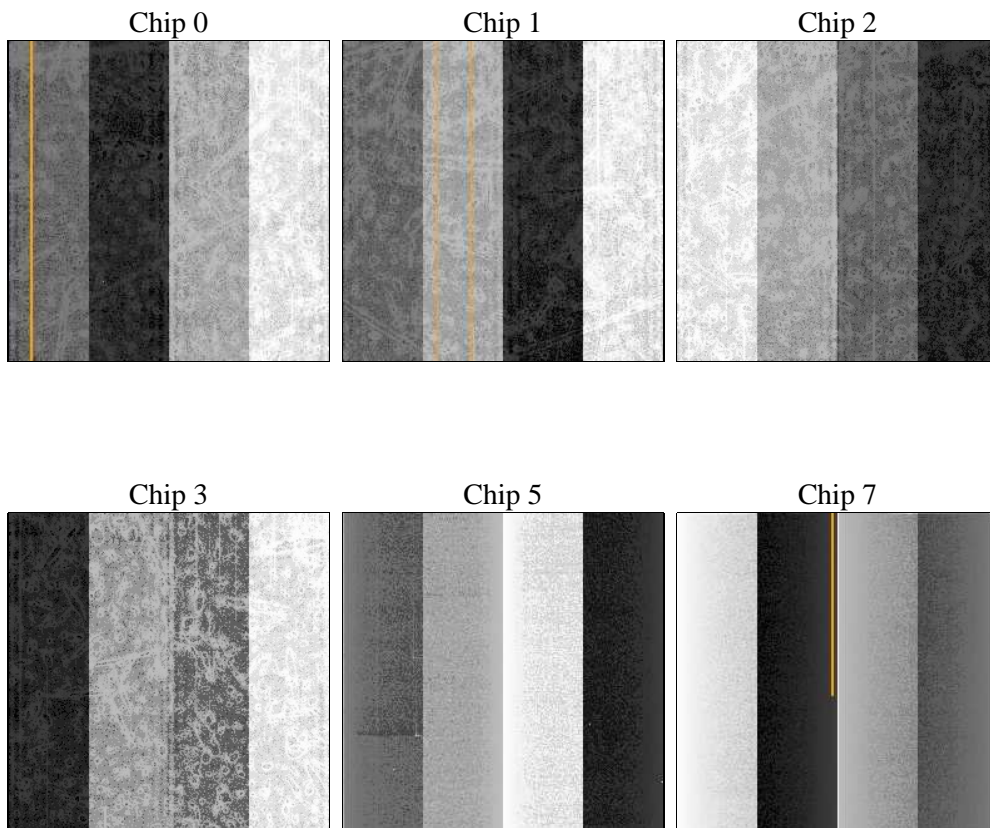
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6156.6465677619	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	6156.6055277586	Sum of GTIs [s]
date	2012-08-17T21:25:37	Date and time of file creation	ontime1	6156.5644877553	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6156.523447752	Sum of GTIs [s]
			ontime3	6156.6876077652	Sum of GTIs [s]
			ontime5	6156.4824077487	Sum of GTIs [s]
			ontime7	6156.6465677619	Sum of GTIs [s]
			l1events	654816	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	114445	111130	114150	115114	103041	96936	grade 0 events	14933	14632	15422	15251	7092	7691
rejected events	85991	80445	85413	86261	52099	49061		13%	13%	13%	13%	6%	7%
rejected %	75%	72%	74%	74%	50%	50%	grade 1 events	73	82	80	86	100	66
								0%	0%	0%	0%	0%	0%
							grade 2 events	5395	5865	5309	5331	18557	11621
								4%	5%	4%	4%	18%	11%
							grade 3 events	1902	1872	1903	1961	1972	4051
								1%	1%	1%	1%	1%	4%
							grade 4 events	1827	3784	1894	1957	1934	4025
								1%	3%	1%	1%	1%	4%
							grade 5 events	2009	2160	1996	2297	4539	5513
								1%	1%	1%	1%	4%	5%
							grade 6 events	4397	4532	4209	4353	21387	20487
								3%	4%	3%	3%	20%	21%
							grade 7 events	83909	78203	83337	83878	47460	43482
								73%	70%	73%	72%	46%	44%

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	172.00698530557	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	8.97196897839447	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	251.020908659557	[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)	459251585.170431	459251584.14543			
Observation start date	2012-07-21T09:53:05	2012-07-21T09:53:04			
[s] Observation end time (MET)	459259479.720852	459259478.69585			
Observation end date	2012-07-21T12:04:40	2012-07-21T12:04:38			
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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1566465677619

A.2 Comments