

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55240 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 20 2012

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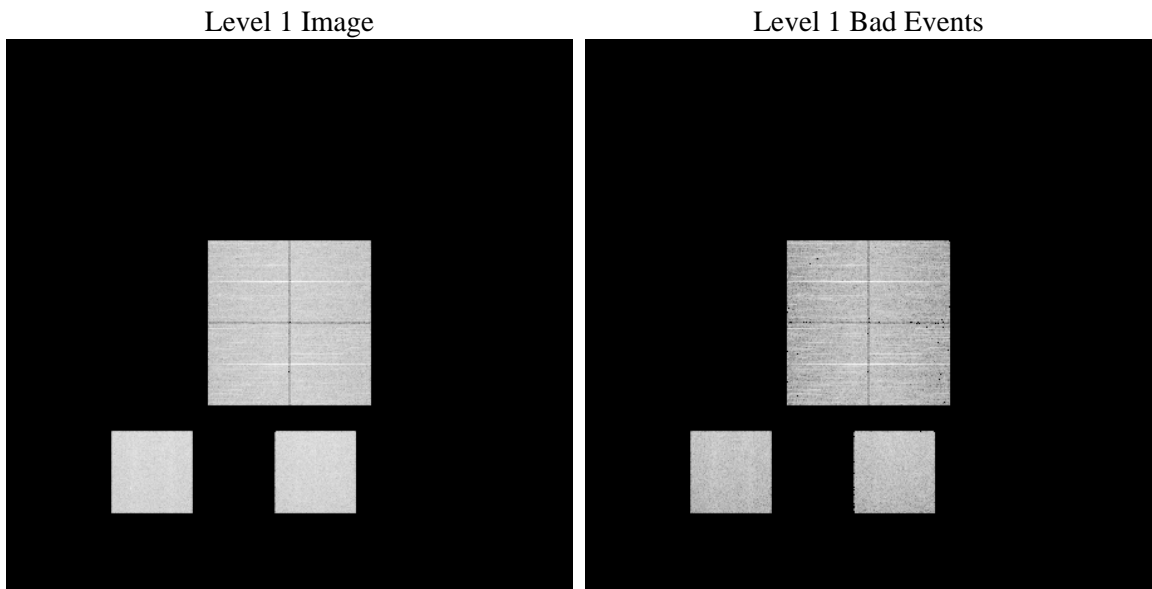
1 Front

seq_num	 	Sequence number
obs_id	55240	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	298.01837024144	Nominal RA [deg]
dec_nom	-15.02701102338	Nominal Dec [deg]
roll_nom	269.81374577112	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8287.2836840749	Sum of GTIs [s]
livetime	8182.345108064	Livetime [s]
ontime0	8287.3138746619	Sum of GTIs [s]
ontime1	8287.9480796456	Sum of GTIs [s]
ontime2	8287.9070396423	Sum of GTIs [s]
ontime3	8287.2426441908	Sum of GTIs [s]
ontime5	8287.865999639	Sum of GTIs [s]
ontime7	8287.2836840749	Sum of GTIs [s]
l2events	322880	Number of level 2 events

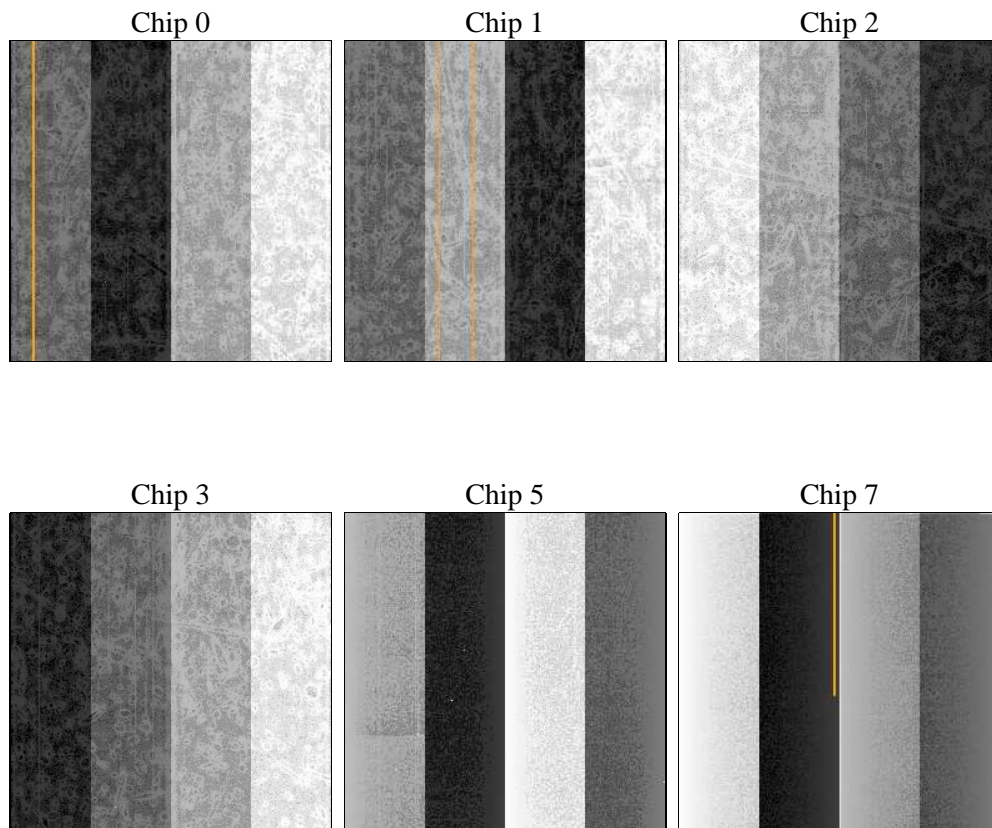
2 OBI

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	8287.2836840749	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8287.3138746619	Sum of GTIs [s]
date	2012-02-20T03:02:49	Date and time of file creation	ontime1	8287.9480796456	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8287.9070396423	Sum of GTIs [s]
			ontime3	8287.2426441908	Sum of GTIs [s]
			ontime5	8287.865999639	Sum of GTIs [s]
			ontime7	8287.2836840749	Sum of GTIs [s]
			l1events	662176	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	98048	96415	100577	100346	133883	132907	grade 0 events	24814	23785	25037	25502	7818	12319
rejected events	51088	49324	54006	53188	57907	58087		25%	24%	24%	25%	5%	9%
rejected %	52%	51%	53%	53%	43%	43%	grade 1 events	124	109	163	159	152	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	8543	9415	8062	8202	27886	16522
								8%	9%	8%	8%	20%	12%
							grade 3 events	3175	3066	3214	3248	2814	6343
								3%	3%	3%	3%	2%	4%
							grade 4 events	3128	3134	3209	3255	2778	6322
								3%	3%	3%	3%	2%	4%
							grade 5 events	3293	3309	3166	3610	6969	8667
								3%	3%	3%	3%	5%	6%
							grade 6 events	7300	7706	7062	6951	34720	33314
								7%	7%	7%	6%	25%	25%
							grade 7 events	47671	45891	50664	49419	50746	49323
								48%	47%	50%	49%	37%	37%

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	298.0183702414357	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-15.02701102338031	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	269.8137457711157	[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)	430006356.615272	430006355.59026			
Observation start date	2011-08-17T22:12:37	2011-08-17T22:12:35			
[s] Observation end time (MET)	430018416.765906	430018415.74089			
Observation end date	2011-08-18T01:33:37	2011-08-18T01:33:35			
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)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2872836840749

A.2 Comments