

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51625 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 15 2015

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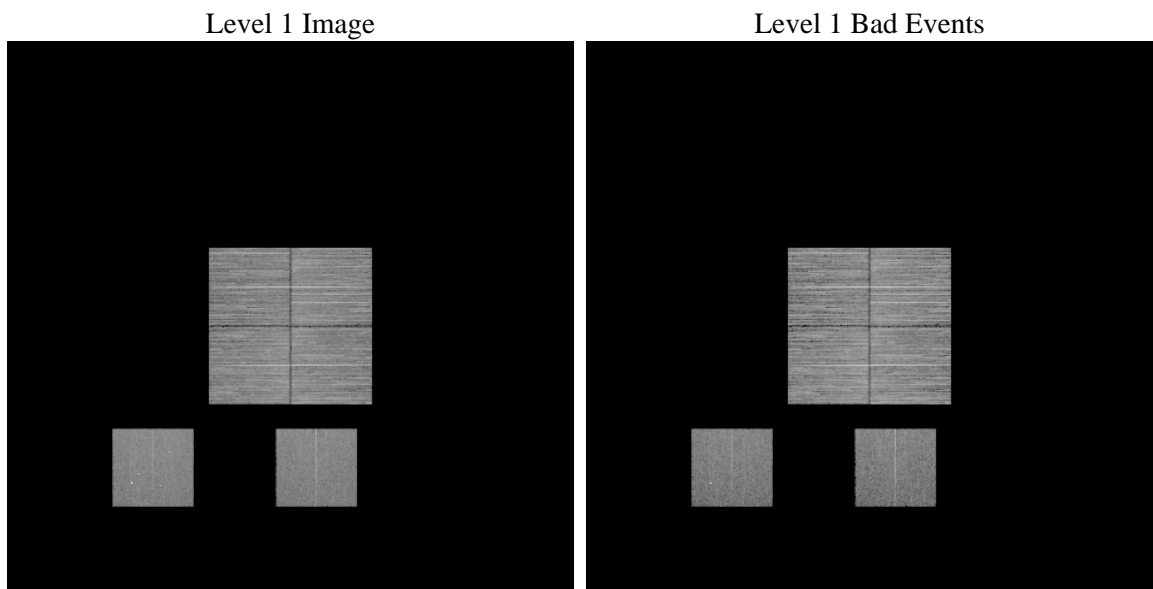
1 Front

seq_num	 	Sequence number
obs_id	51625	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	16.785119860045	Nominal RA [deg]
dec_nom	-4.8748323789612	Nominal Dec [deg]
roll_nom	87.330131694834	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8437.0119130611	Sum of GTIs [s]
livetime	8330.1773880593	Livetime [s]
ontime0	8436.9708729982	Sum of GTIs [s]
ontime1	8436.9298330545	Sum of GTIs [s]
ontime2	8433.6477328539	Sum of GTIs [s]
ontime3	8437.0529530048	Sum of GTIs [s]
ontime5	8436.8477530479	Sum of GTIs [s]
ontime7	8437.0119130611	Sum of GTIs [s]
l2events	174573	Number of level 2 events

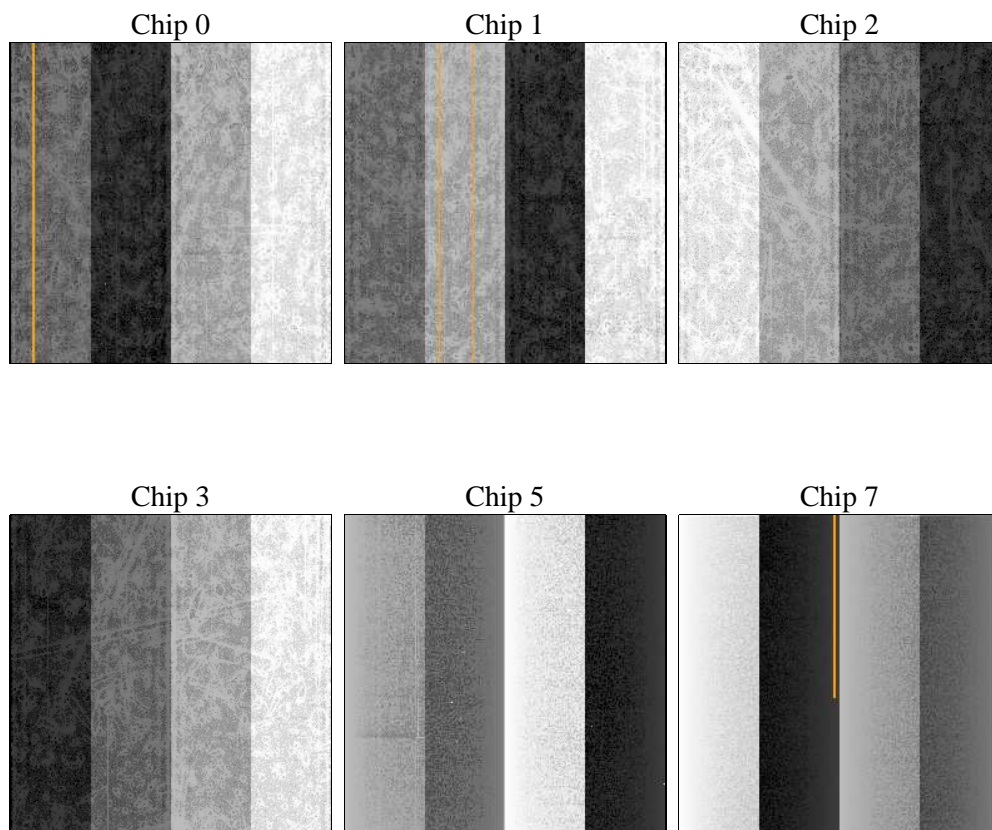
2 OBI

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	10.4.1	Processing system revision	ontime	8437.0119130611	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8436.9708729982	Sum of GTIs [s]
date	2015-09-15T14:15:47	Date and time of file creation	ontime1	8436.9298330545	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8433.6477328539	Sum of GTIs [s]
			ontime3	8437.0529530048	Sum of GTIs [s]
			ontime5	8436.8477530479	Sum of GTIs [s]
			ontime7	8437.0119130611	Sum of GTIs [s]
			l1events	862307	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	139079	165250	155902	155088	127791	119197	grade 0 events	9912	9297	10348	10373	4385	5163
rejected events	117735	143812	134808	133881	74842	72099		7%	5%	6%	6%	3%	4%
rejected %	84%	87%	86%	86%	58%	60%	grade 1 events	60	57	68	68	174	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	4925	5523	4424	4386	19162	11888
								3%	3%	2%	2%	14%	9%
							grade 3 events	1483	1337	1486	1442	1462	3310
								1%	0%	0%	0%	1%	2%
							grade 4 events	1404	1412	1494	1568	1395	3273
								1%	0%	0%	1%	1%	2%
							grade 5 events	2786	2717	2730	3129	5964	7204
								2%	1%	1%	2%	4%	6%
							grade 6 events	3625	3877	3354	3447	26564	23494
								2%	2%	2%	2%	20%	19%
							grade 7 events	114884	141030	131998	130675	68685	64780
								82%	85%	84%	84%	53%	54%

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	16.78511986004482	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.874832378961153	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	87.33013169483412	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	558658433.784845	558658432.75984			
Observation start date	2015-09-14T22:53:54	2015-09-14T22:53:52			
[s] Observation end time (MET)	558669169.635451	558669168.61045			
Observation end date	2015-09-15T01:52:50	2015-09-15T01:52:48			
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)	2015.09.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4370119130611

A.2 Comments