

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54710 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 12 2012

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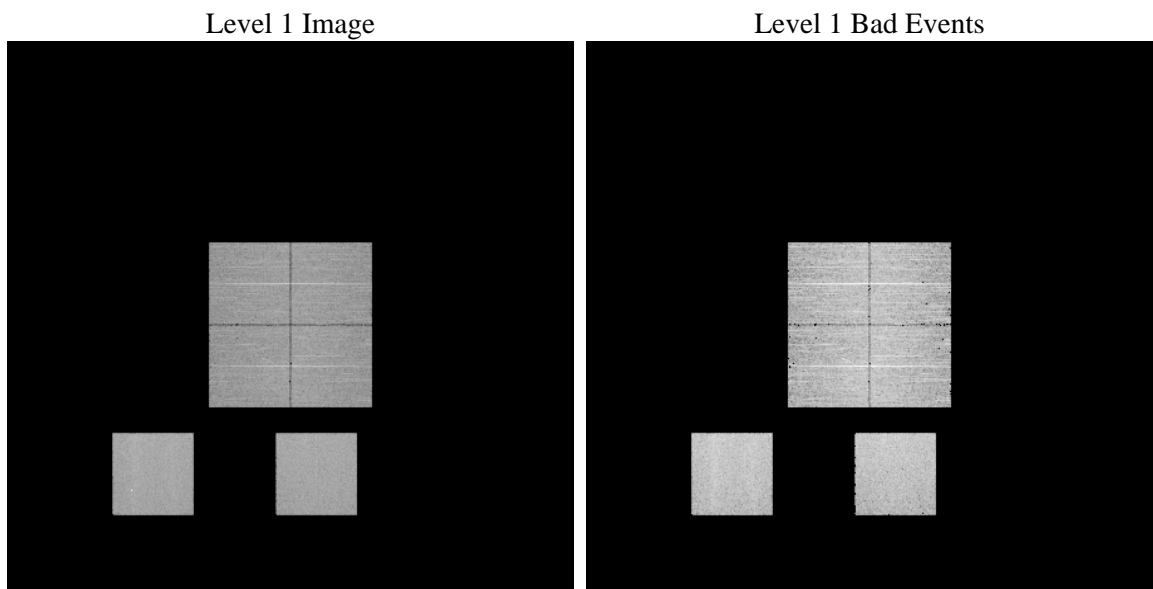
1 Front

seq_num	 	Sequence number
obs_id	54710	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	35.053939185313	Nominal RA [deg]
dec_nom	59.00716101896	Nominal Dec [deg]
roll_nom	341.65829384767	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8286.8974347115	Sum of GTIs [s]
livetime	8181.9637496226	Livetime [s]
ontime0	8196.1072747111	Sum of GTIs [s]
ontime1	8176.6201241016	Sum of GTIs [s]
ontime2	8189.5431645513	Sum of GTIs [s]
ontime3	8183.225274384	Sum of GTIs [s]
ontime5	8286.7332746983	Sum of GTIs [s]
ontime7	8286.8974347115	Sum of GTIs [s]
l2events	288515	Number of level 2 events

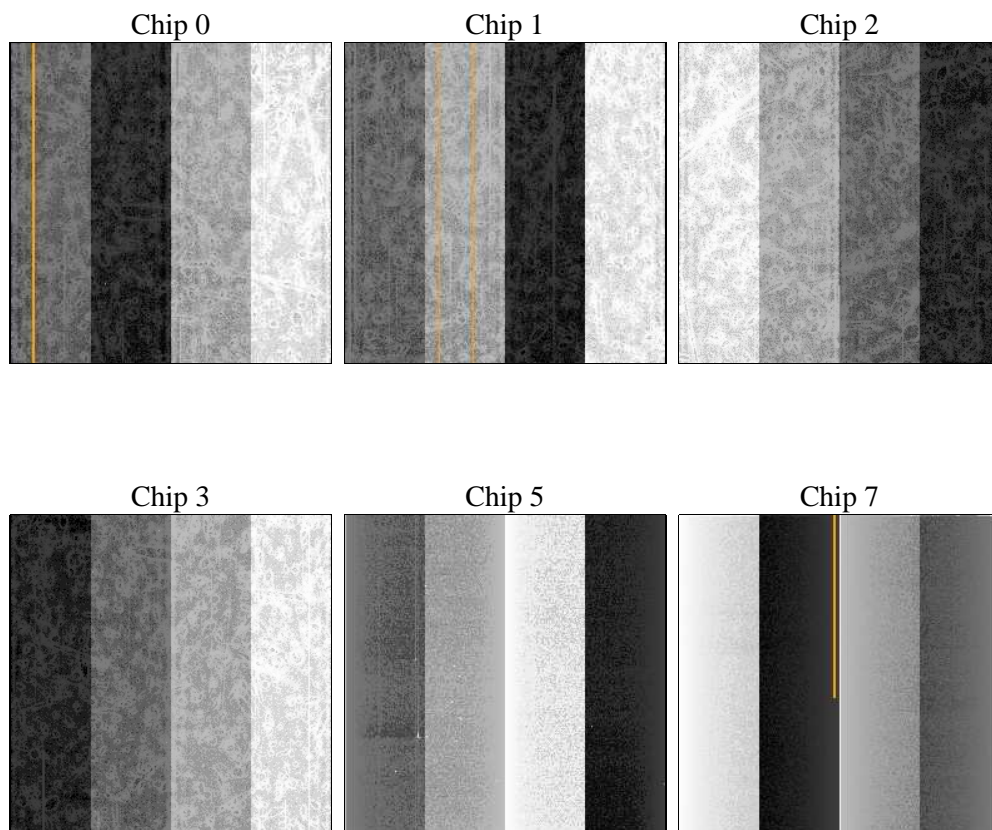
2 OBI

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	8286.8974347115	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8196.1072747111	Sum of GTIs [s]
date	2012-04-12T13:18:46	Date and time of file creation	ontime1	8176.6201241016	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8189.5431645513	Sum of GTIs [s]
			ontime3	8183.225274384	Sum of GTIs [s]
			ontime5	8286.7332746983	Sum of GTIs [s]
			ontime7	8286.8974347115	Sum of GTIs [s]
			l1events	615920	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	89627	90441	89089	93290	129763	123710	grade 0 events	20694	19238	21705	22048	6546	10484
rejected events	48928	49308	48478	51920	58216	55687		23%	21%	24%	23%	5%	8%
rejected %	54%	54%	54%	55%	44%	45%	grade 1 events	122	93	135	118	180	75
								0%	0%	0%	0%	0%	0%
							grade 2 events	8002	9681	7177	7415	26390	15126
								8%	10%	8%	7%	20%	12%
							grade 3 events	2627	2469	2769	2774	2494	5762
								2%	2%	3%	2%	1%	4%
							grade 4 events	2676	2558	2743	2776	2452	5451
								2%	2%	3%	2%	1%	4%
							grade 5 events	2946	2756	2781	3320	6387	7988
								3%	3%	3%	3%	4%	6%
							grade 6 events	6700	7187	6217	6357	33665	31200
								7%	7%	6%	6%	25%	25%
							grade 7 events	45860	46459	45562	48482	51649	47624
								51%	51%	51%	51%	39%	38%

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	35.05393918531323	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	59.00716101895997	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	341.6582938476749	[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)	450569148.987078	450569147.96208			
Observation start date	2012-04-11T22:05:49	2012-04-11T22:05:47			
[s] Observation end time (MET)	450579148.887608	450579147.86261			
Observation end date	2012-04-12T00:52:29	2012-04-12T00:52:27			
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)	2012.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2868974347115

A.2 Comments