

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54850 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 17 2012

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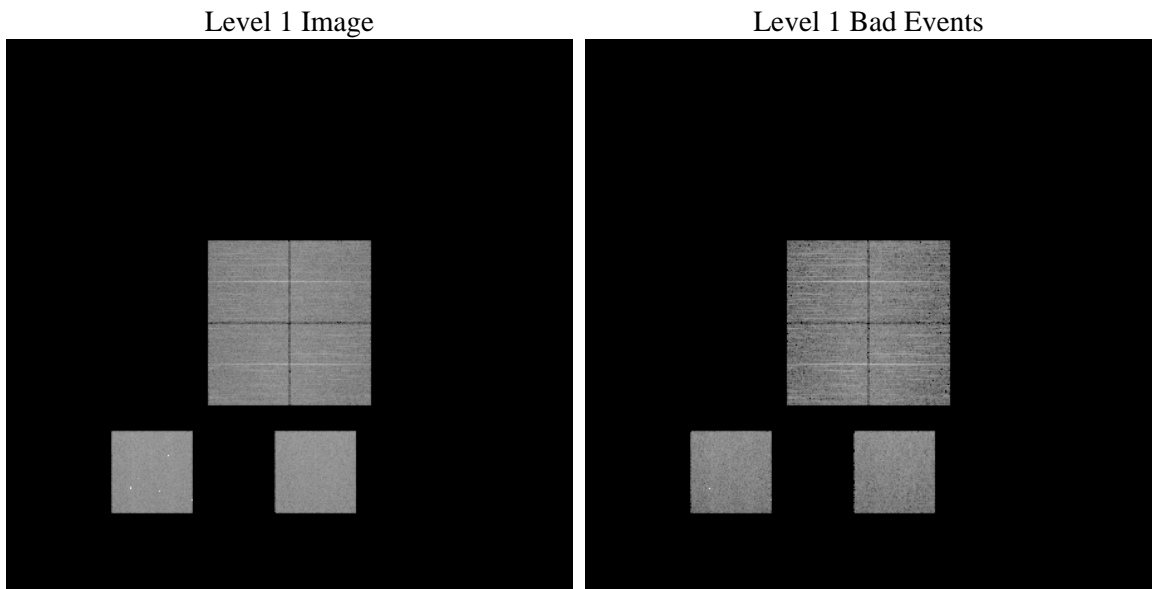
1 Front

seq_num	 	Sequence number
obs_id	54850	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	305.01664670681	Nominal RA [deg]
dec_nom	37.025418464774	Nominal Dec [deg]
roll_nom	29.433760513778	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8287.7294689417	Sum of GTIs [s]
livetime	8182.7852481344	Livetime [s]
ontime0	8177.4930689335	Sum of GTIs [s]
ontime1	8183.9341089129	Sum of GTIs [s]
ontime2	8180.6520289183	Sum of GTIs [s]
ontime3	8177.5784845948	Sum of GTIs [s]
ontime5	8287.5653089285	Sum of GTIs [s]
ontime7	8287.7294689417	Sum of GTIs [s]
l2events	297075	Number of level 2 events

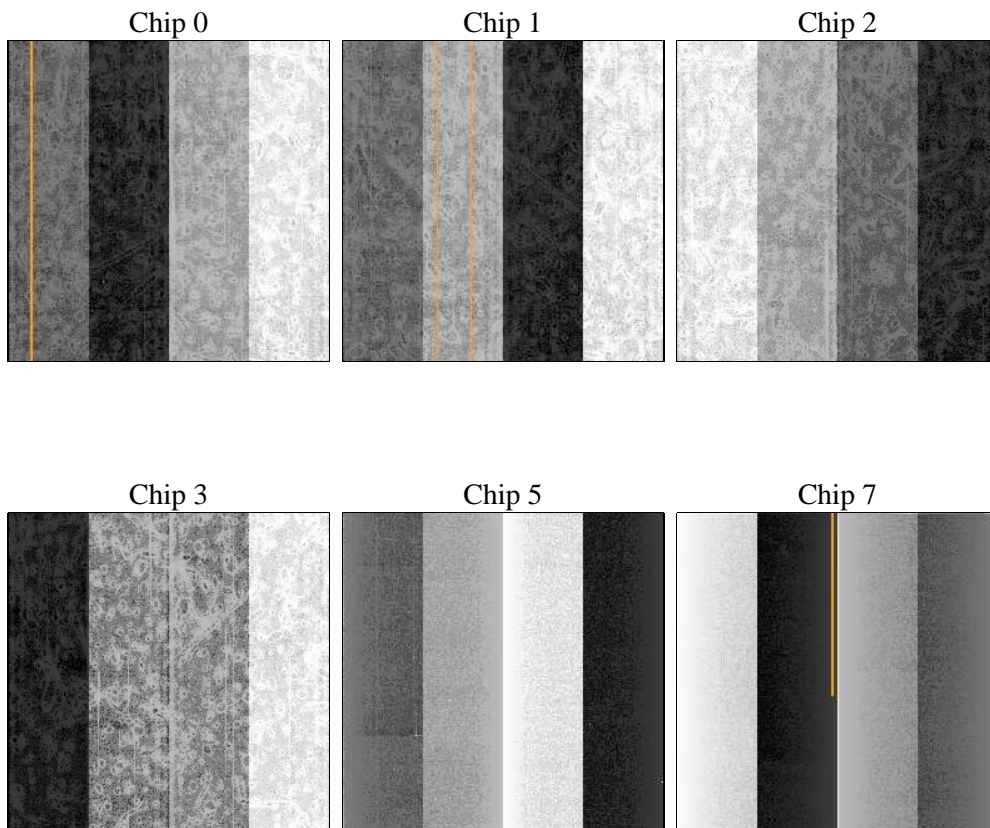
2 OBI

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	8287.7294689417	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8177.4930689335	Sum of GTIs [s]
date	2012-02-17T03:09:09	Date and time of file creation	ontime1	8183.9341089129	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8180.6520289183	Sum of GTIs [s]
			ontime3	8177.5784845948	Sum of GTIs [s]
			ontime5	8287.5653089285	Sum of GTIs [s]
			ontime7	8287.7294689417	Sum of GTIs [s]
			l1events	625657	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	90288	88615	91633	93822	134966	126333	grade 0 events	22002	21316	22783	22319	11046	11600
rejected events	48444	46569	49280	51920	57753	55824		24%	24%	24%	23%	8%	9%
rejected %	53%	52%	53%	55%	42%	44%	grade 1 events	127	123	139	152	190	119
								0%	0%	0%	0%	0%	0%
							grade 2 events	7907	8309	7481	7480	27092	15274
								8%	9%	8%	7%	20%	12%
							grade 3 events	2767	2854	2875	2939	3111	6232
								3%	3%	3%	3%	2%	4%
							grade 4 events	2796	2858	2941	2957	2922	6204
								3%	3%	3%	3%	2%	4%
							grade 5 events	3226	3156	3168	3528	7530	8727
								3%	3%	3%	3%	5%	6%
							grade 6 events	6401	6725	6286	6224	33081	31219
								7%	7%	6%	6%	24%	24%
							grade 7 events	45062	43274	45960	48223	49994	46958
								49%	48%	50%	51%	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	305.016646706808	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	37.02541846477415	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	29.43376051377834	[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)	445770416.482754	445770415.45775			
Observation start date	2012-02-16T09:06:56	2012-02-16T09:06:55			
[s] Observation end time (MET)	445782691.883405	445782690.85841			
Observation end date	2012-02-16T12:31:32	2012-02-16T12:31:30			
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)	2012.02.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2877294689417

A.2 Comments