

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54855 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 14 2012

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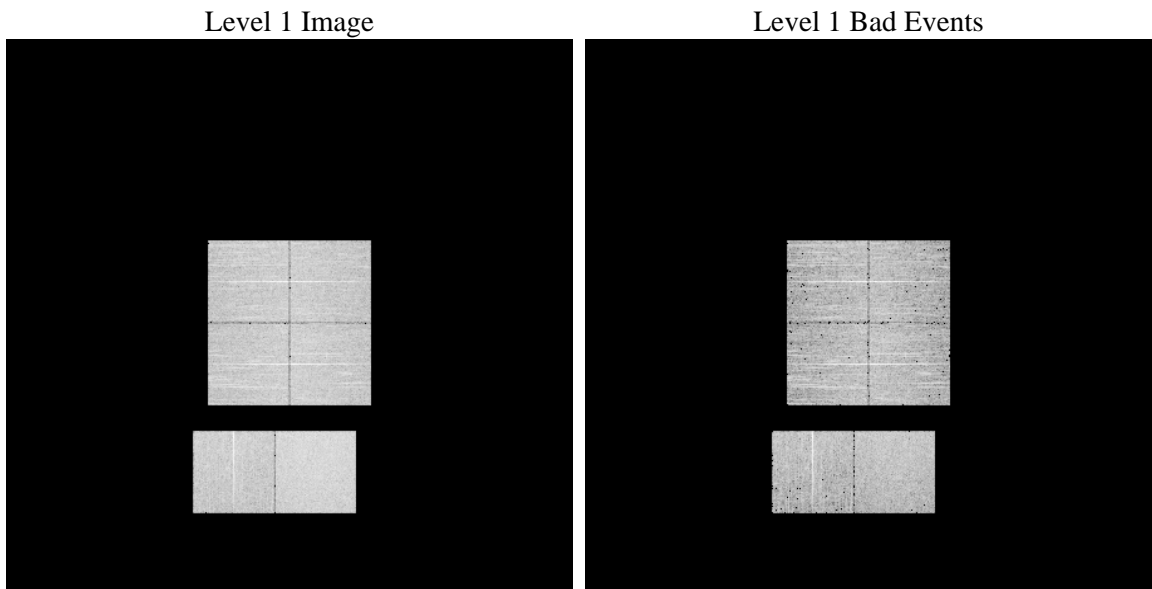
1 Front

seq_num	 	Sequence number
obs_id	54855	Observation id
title	ACIS-012367 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	3.0329681706641	Nominal RA [deg]
dec_nom	30.994521077071	Nominal Dec [deg]
roll_nom	316.22739267535	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6729.0700103641	Sum of GTIs [s]
livetime	6643.8624741333	Livetime [s]
ontime0	6729.0289703608	Sum of GTIs [s]
ontime1	6728.9879303575	Sum of GTIs [s]
ontime2	6728.9468903542	Sum of GTIs [s]
ontime3	6729.1110503674	Sum of GTIs [s]
ontime6	6728.9058503509	Sum of GTIs [s]
ontime7	6729.0700103641	Sum of GTIs [s]
l2events	220694	Number of level 2 events

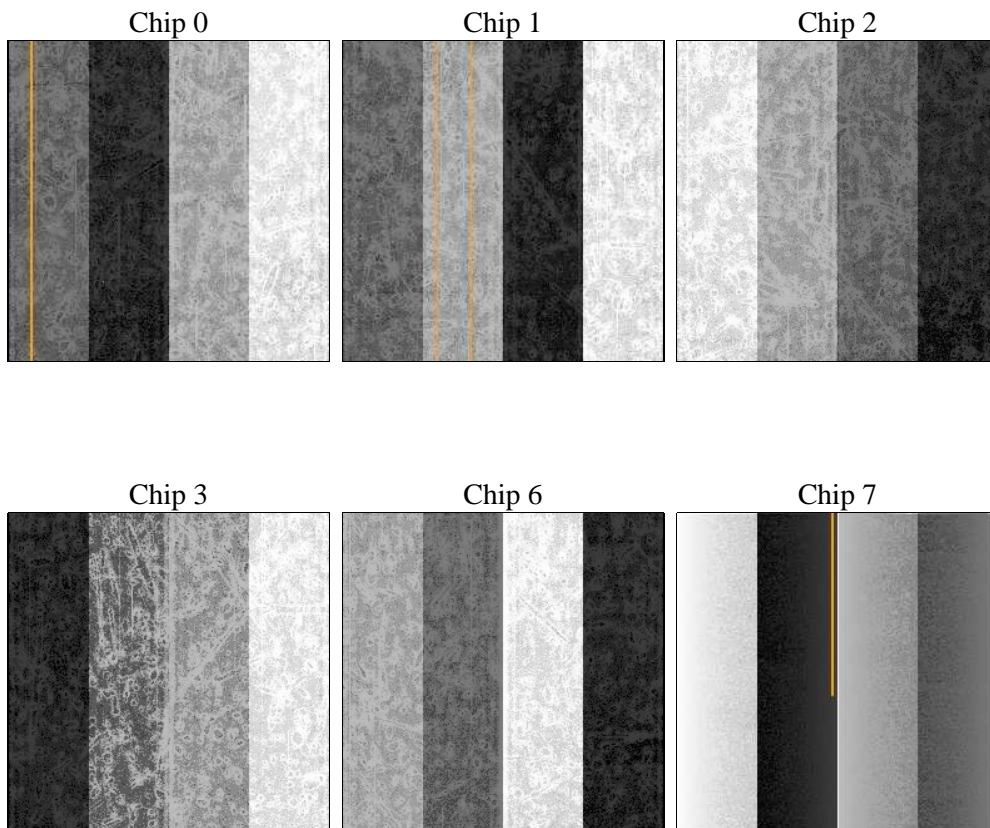
2 OBI

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	6729.0700103641	Sum of GTIs [s]
caldbver	4.4.7	 	ontime0	6729.0289703608	Sum of GTIs [s]
date	2012-02-14T09:14:04	Date and time of file creation	ontime1	6728.9879303575	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6728.9468903542	Sum of GTIs [s]
			ontime3	6729.1110503674	Sum of GTIs [s]
			ontime6	6728.9058503509	Sum of GTIs [s]
			ontime7	6729.0700103641	Sum of GTIs [s]
			l1events	494641	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	77713	74514	78389	79702	79434	104889	grade 0 events	18096	17610	18638	18464	18290	9535
rejected events	42730	39696	43334	44875	43396	46586		23%	23%	23%	23%	23%	9%
rejected %	54%	53%	55%	56%	54%	44%	grade 1 events	109	98	117	125	89	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	6656	6809	6252	6257	6785	12650
								8%	9%	7%	7%	8%	12%
							grade 3 events	2404	2374	2512	2406	2400	5082
								3%	3%	3%	3%	3%	4%
							grade 4 events	2409	2341	2437	2485	2395	5170
								3%	3%	3%	3%	3%	4%
							grade 5 events	2733	2757	2560	2969	2918	7237
								3%	3%	3%	3%	3%	6%
							grade 6 events	5435	5696	5235	5232	6186	25897
								6%	7%	6%	6%	7%	24%
							grade 7 events	39871	36829	40638	41764	40371	39233
								51%	49%	51%	52%	50%	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	3.032968170664117	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	30.99452107707058	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	316.2273926753538	[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)	445542476.970638	445542475.94564			
Observation start date	2012-02-13T17:47:57	2012-02-13T17:47:55			
[s] Observation end time (MET)	445551519.521116	445551518.49612			
Observation end date	2012-02-13T20:18:40	2012-02-13T20:18:38			
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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.7290700103641

A.2 Comments