

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54603 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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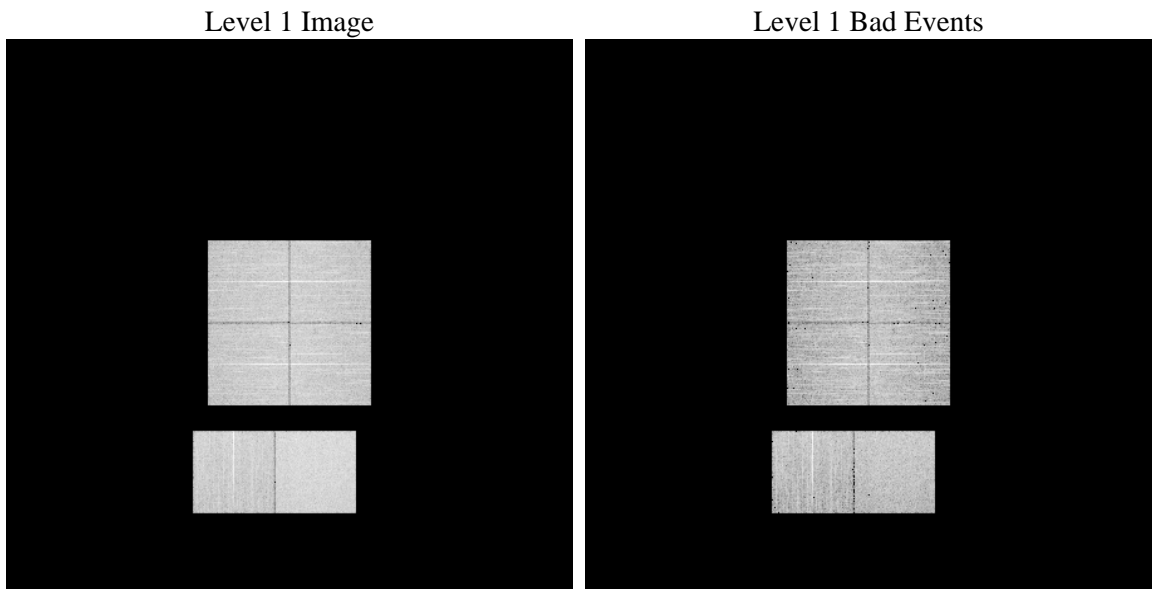
1 Front

seq_num	 	Sequence number
obs_id	54603	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	220.02414290561	Nominal RA [deg]
dec_nom	-46.19979498619	Nominal Dec [deg]
roll_nom	324.10040694523	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8204.7999694943	Sum of GTIs [s]
livetime	8100.9058519432	Livetime [s]
ontime0	8204.7999694943	Sum of GTIs [s]
ontime1	8204.7999694943	Sum of GTIs [s]
ontime2	8204.7999694943	Sum of GTIs [s]
ontime3	8204.7999694943	Sum of GTIs [s]
ontime6	8204.7999694943	Sum of GTIs [s]
ontime7	8204.7999694943	Sum of GTIs [s]
l2events	255040	Number of level 2 events

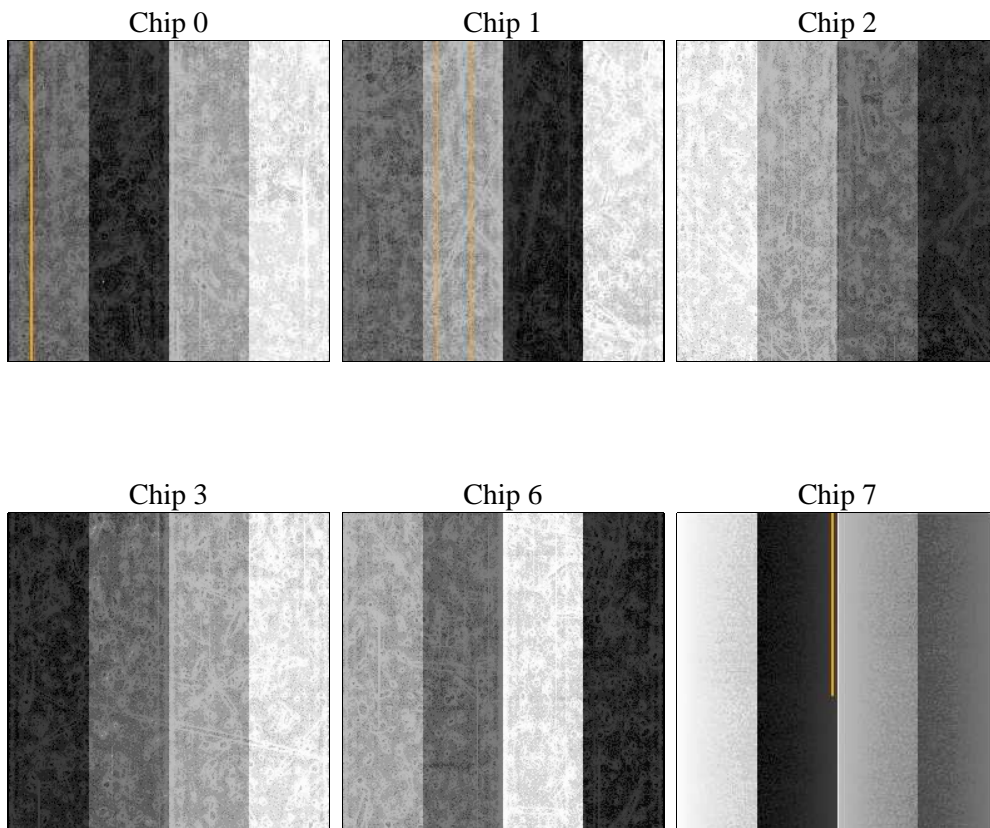
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8204.7999694943	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	8204.7999694943	Sum of GTIs [s]
date	2012-05-22T00:12:32	Date and time of file creation	ontime1	8204.7999694943	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8204.7999694943	Sum of GTIs [s]
			ontime3	8204.7999694943	Sum of GTIs [s]
			ontime6	8204.7999694943	Sum of GTIs [s]
			ontime7	8204.7999694943	Sum of GTIs [s]
			l1events	577120	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	88314	88387	90304	91179	94113	124823	grade 0 events	21289	20422	21804	21342	21689	11166
rejected events	48243	48532	50113	51201	52306	56553		24%	23%	24%	23%	23%	8%
rejected %	54%	54%	55%	56%	55%	45%	grade 1 events	116	103	138	121	126	126
								0%	0%	0%	0%	0%	0%
							grade 2 events	7367	8010	7221	7255	7743	15054
								8%	9%	7%	7%	8%	12%
							grade 3 events	2859	2680	2792	2804	2889	5994
								3%	3%	3%	3%	3%	4%
							grade 4 events	2678	2733	2790	2907	2790	6166
								3%	3%	3%	3%	2%	4%
							grade 5 events	3266	3341	3031	3575	3452	8782
								3%	3%	3%	3%	3%	7%
							grade 6 events	6302	6409	6021	6047	7125	30601
								7%	7%	6%	6%	7%	24%
							grade 7 events	44437	44689	46507	47128	48299	46934
								50%	50%	51%	51%	51%	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	220.0241429056129	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-46.19979498619027	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	324.1004069452277	[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)	453966138.567485	453966137.54248			
Observation start date	2012-05-21T05:42:19	2012-05-21T05:42:17			
[s] Observation end time (MET)	453975847.368001	453975846.343			
Observation end date	2012-05-21T08:24:07	2012-05-21T08:24:06			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2047999694943

A.2 Comments