

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54559 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 9 2012

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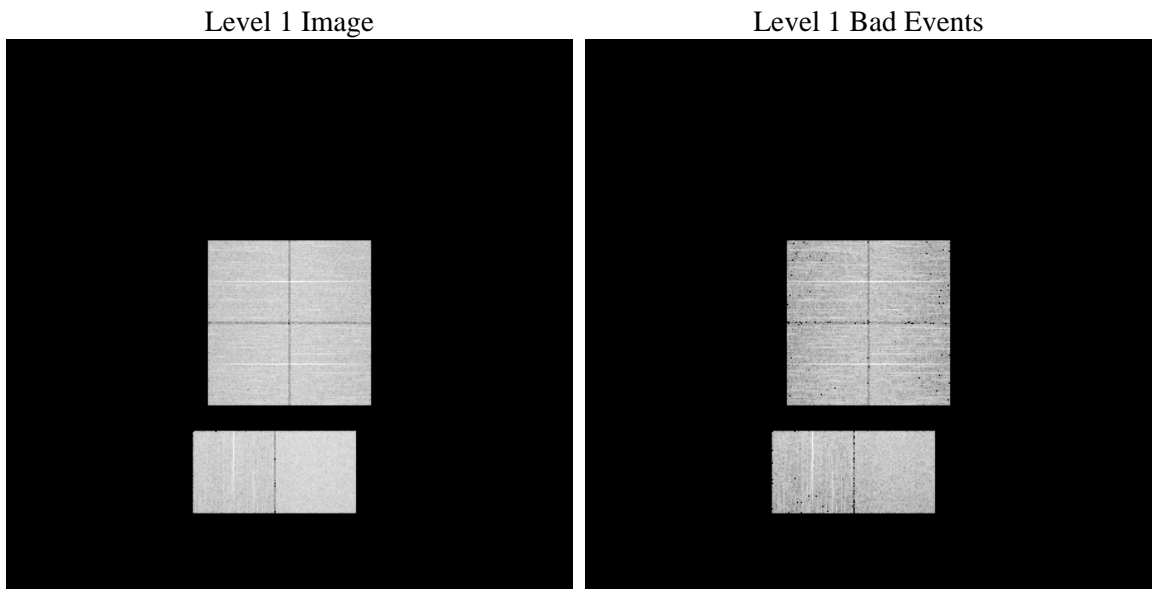
1 Front

seq_num	 	Sequence number
obs_id	54559	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	222.00731000496	Nominal RA [deg]
dec_nom	-15.027814039528	Nominal Dec [deg]
roll_nom	251.23549561024	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8287.873950839	Sum of GTIs [s]
livetime	8182.927900515	Livetime [s]
ontime0	8287.8329108357	Sum of GTIs [s]
ontime1	8287.7918708324	Sum of GTIs [s]
ontime2	8287.7508308291	Sum of GTIs [s]
ontime3	8287.9149908423	Sum of GTIs [s]
ontime6	8287.7097908258	Sum of GTIs [s]
ontime7	8287.873950839	Sum of GTIs [s]
l2events	251568	Number of level 2 events

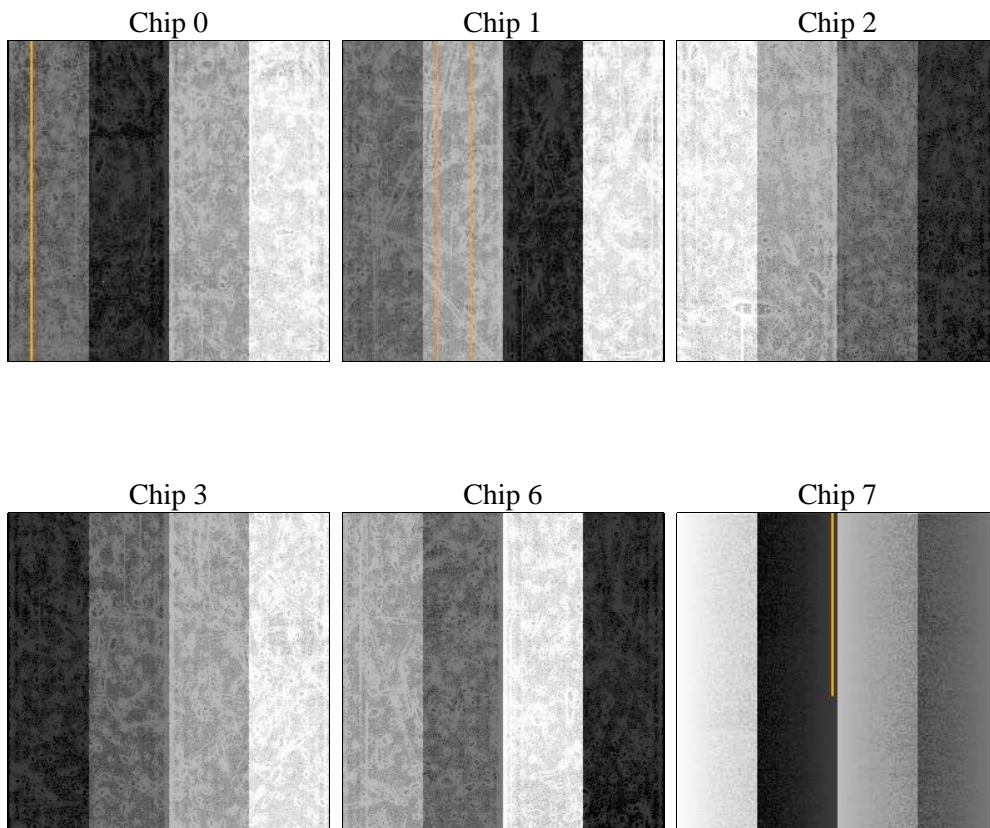
2 OBI

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	8.4.5	Processing system revision	ontime	8287.873950839	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8287.8329108357	Sum of GTIs [s]
date	2012-06-09T19:48:58	Date and time of file creation	ontime1	8287.7918708324	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8287.7508308291	Sum of GTIs [s]
			ontime3	8287.9149908423	Sum of GTIs [s]
			ontime6	8287.7097908258	Sum of GTIs [s]
			ontime7	8287.873950839	Sum of GTIs [s]
			l1events	554959	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	84123	85844	86306	89457	90725	118504	grade 0 events	20624	20490	21224	21441	21120	10517
rejected events	44523	45574	46893	49548	49265	53058		24%	23%	24%	23%	23%	8%
rejected %	52%	53%	54%	55%	54%	44%	grade 1 events	122	108	130	117	77	91
								0%	0%	0%	0%	0%	0%
							grade 2 events	7376	7919	6918	6978	7683	14218
								8%	9%	8%	7%	8%	11%
							grade 3 events	2689	2712	2698	2814	2883	5679
								3%	3%	3%	3%	3%	4%
							grade 4 events	2598	2636	2717	2703	2726	5733
								3%	3%	3%	3%	3%	4%
							grade 5 events	3182	3196	2840	3347	3378	8216
								3%	3%	3%	3%	3%	6%
							grade 6 events	6333	6525	5876	5986	7070	29332
								7%	7%	6%	6%	7%	24%
							grade 7 events	41199	42258	43903	46071	45788	44718
								48%	49%	50%	51%	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	222.0073100049621	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-15.02781403952807	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	251.2354956102405	[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)	455597607.575581	455597606.55058			
Observation start date	2012-06-09T02:53:28	2012-06-09T02:53:26			
[s] Observation end time (MET)	455607787.876124	455607786.85112			
Observation end date	2012-06-09T05:43:08	2012-06-09T05:43:06			
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)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.287873950839

A.2 Comments