

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59669 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 23 2012

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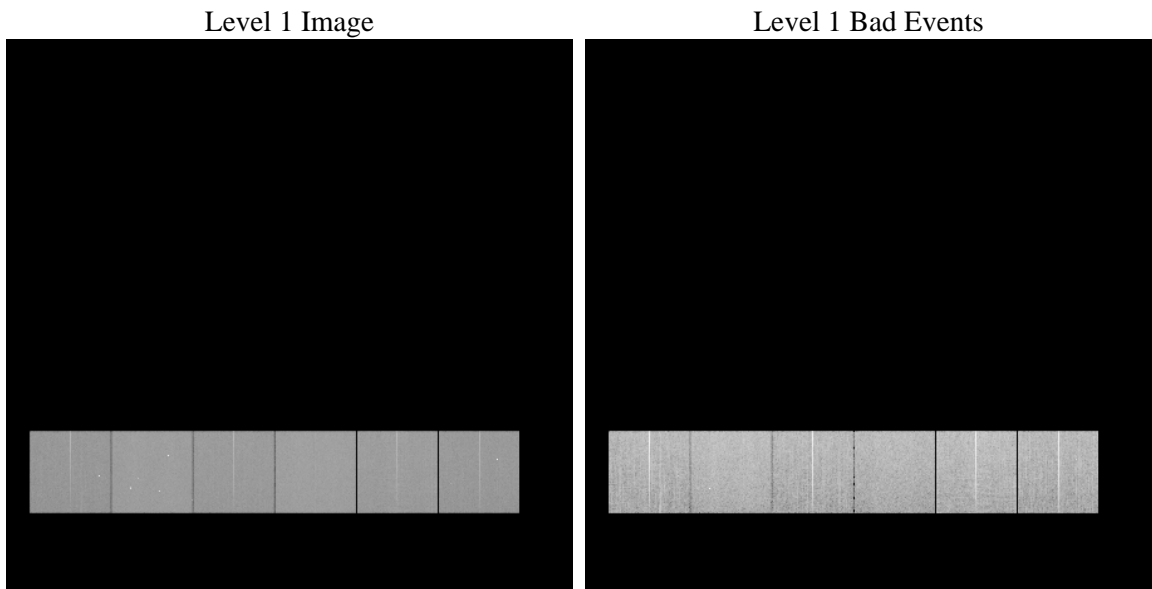
1 Front

seq_num	 	Sequence number
obs_id	59669	Observation id
title	ACIS-456789 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	201.00363416802	Nominal RA [deg]
dec_nom	-7.5273406102655	Nominal Dec [deg]
roll_nom	245.65229681845	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15797.169009984	Sum of GTIs [s]
livetime	15597.135744066	Livetime [s]
ontime4	12630.607324749	Sum of GTIs [s]
ontime5	15797.12796998	Sum of GTIs [s]
ontime6	13745.546163768	Sum of GTIs [s]
ontime7	15797.169009984	Sum of GTIs [s]
ontime8	14144.104868919	Sum of GTIs [s]
ontime9	13308.137481242	Sum of GTIs [s]
l2events	2050458	Number of level 2 events

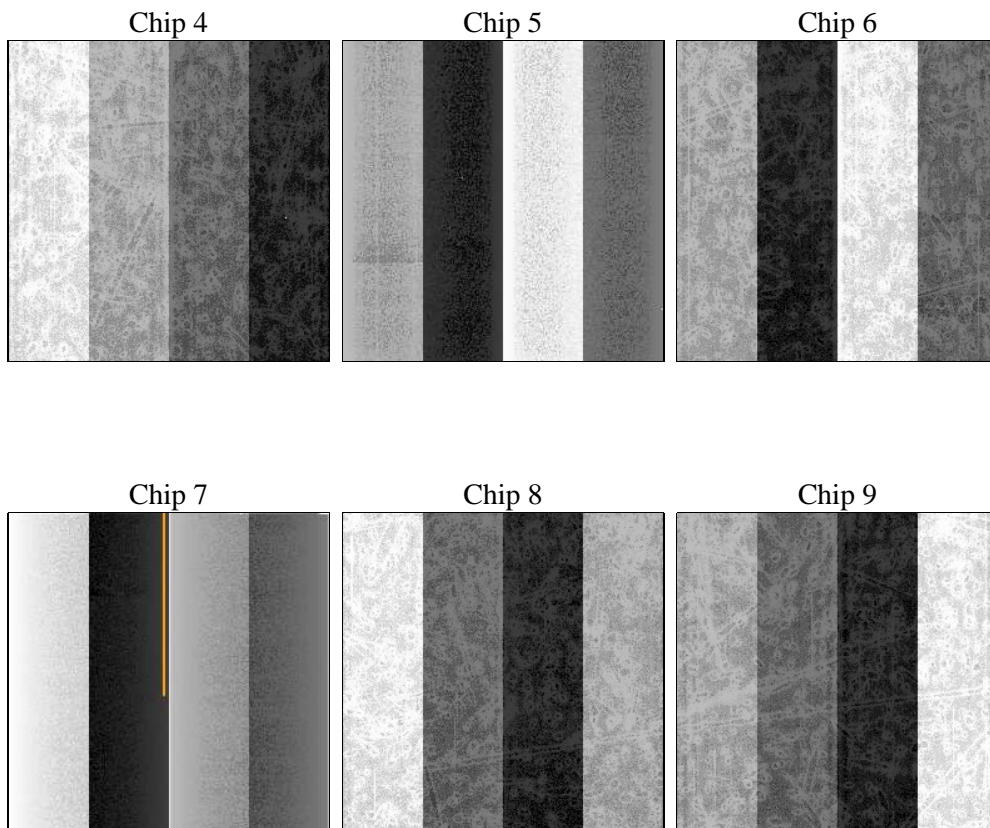
2 OBI

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	8.5.1.1	Processing system revision	ontime	15797.169009984	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	12630.607324749	Sum of GTIs [s]
date	2012-12-23T06:19:04	Date and time of file creation	ontime5	15797.12796998	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	13745.546163768	Sum of GTIs [s]
			ontime7	15797.169009984	Sum of GTIs [s]
			ontime8	14144.104868919	Sum of GTIs [s]
			ontime9	13308.137481242	Sum of GTIs [s]
			l1events	2824344	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	406191	506235	454004	532648	492066	433200	grade 0 events	175785	85039	190281	102856	201094	178992
rejected events	103467	111356	102039	98648	118403	102380		43%	16%	41%	19%	40%	41%
rejected %	25%	21%	22%	18%	24%	23%	grade 1 events	1379	394	1001	369	1101	1109
								0%	0%	0%	0%	0%	0%
							grade 2 events	48226	142132	61080	95502	65261	60237
								11%	28%	13%	17%	13%	13%
							grade 3 events	20016	22933	21905	42665	25050	21107
								4%	4%	4%	8%	5%	4%
							grade 4 events	19991	22379	22037	42554	24681	20990
								4%	4%	4%	7%	5%	4%
							grade 5 events	5945	17205	6596	17473	8200	7022
								1%	3%	1%	3%	1%	1%
							grade 6 events	38782	122483	56740	150509	57667	49564
								9%	24%	12%	28%	11%	11%
							grade 7 events	96067	93670	94364	80720	109012	94179
								23%	18%	20%	15%	22%	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	201.003634168016	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.527340610265453	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	245.652296818449			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	231875211.283126	231875210.25813			
Observation start date	2005-05-07T17:46:51	2005-05-07T17:46:50			
[s] Observation end time (MET)	231897511.184142	231897510.15914			
Observation end date	2005-05-07T23:58:31	2005-05-07T23:58:30			
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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.797169009984

A.2 Comments