

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55987 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 4 2012

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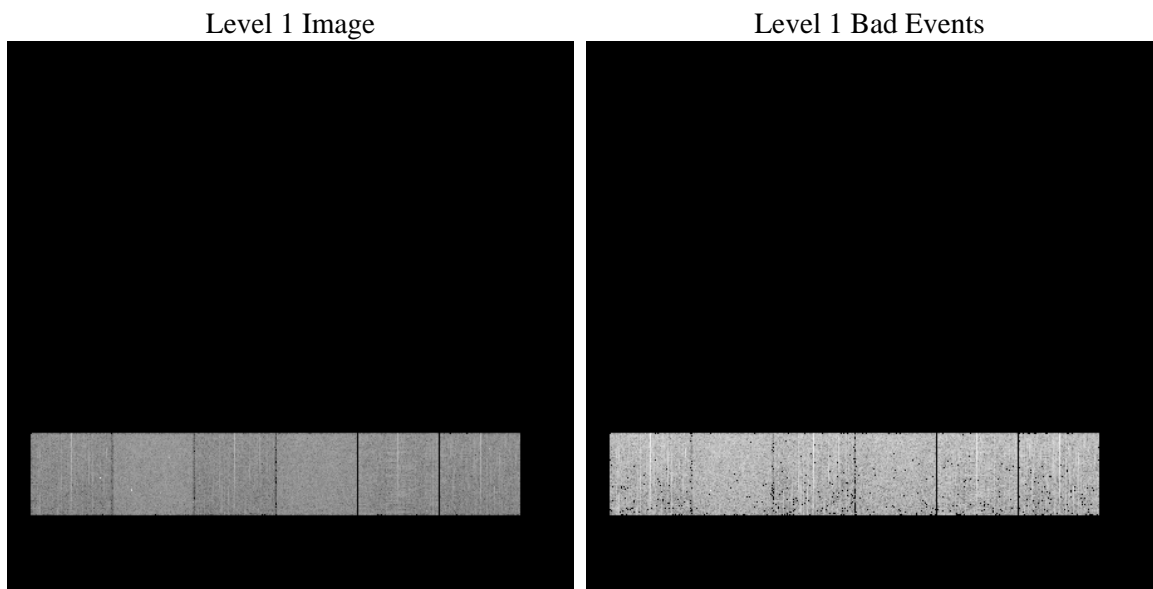
1 Front

seq_num	 	Sequence number
obs_id	55987	Observation id
title	ACIS-456789 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	12.0261056925	Nominal RA [deg]
dec_nom	-18.984982047434	Nominal Dec [deg]
roll_nom	358.6971279803	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3281.8890055418	Sum of GTIs [s]
livetime	3240.3317508373	Livetime [s]
ontime4	3281.7658855319	Sum of GTIs [s]
ontime5	3281.8479655385	Sum of GTIs [s]
ontime6	3281.8069255352	Sum of GTIs [s]
ontime7	3281.8890055418	Sum of GTIs [s]
ontime8	3281.7248455286	Sum of GTIs [s]
ontime9	3281.9300455451	Sum of GTIs [s]
l2events	157846	Number of level 2 events

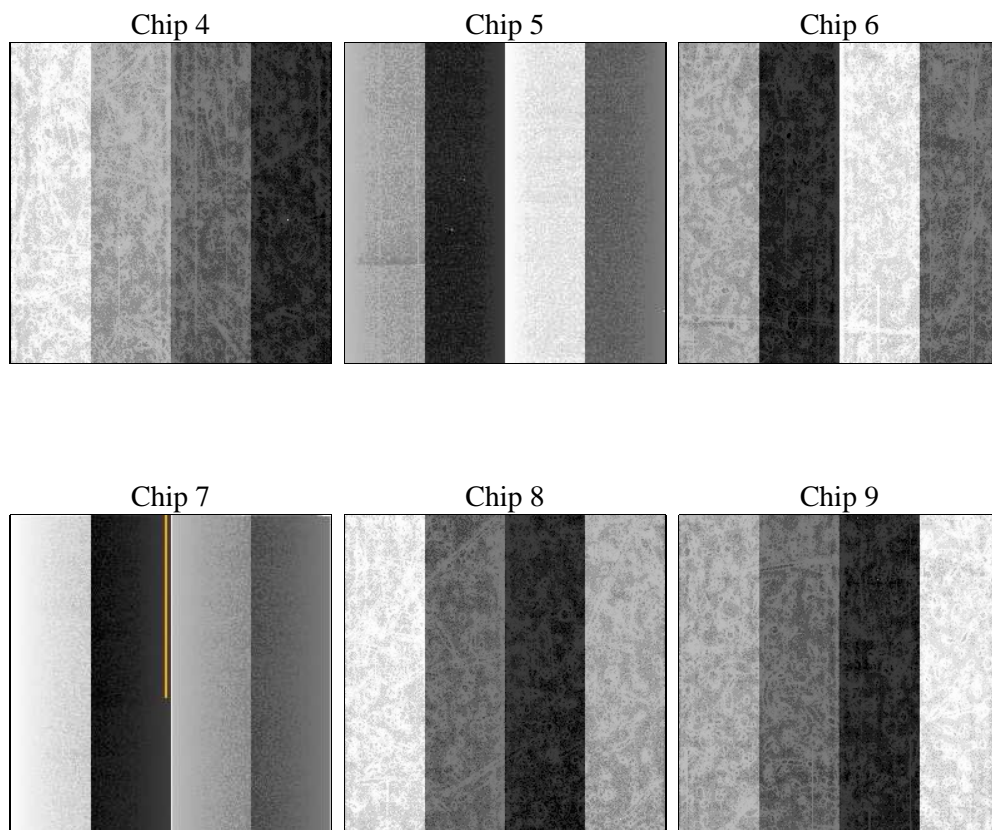
2 OBI

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	3281.8890055418	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	3281.7658855319	Sum of GTIs [s]
date	2012-07-04T17:13:37	Date and time of file creation	ontime5	3281.8479655385	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3281.8069255352	Sum of GTIs [s]
			ontime7	3281.8890055418	Sum of GTIs [s]
			ontime8	3281.7248455286	Sum of GTIs [s]
			ontime9	3281.9300455451	Sum of GTIs [s]
			l1events	336016	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	51328	64422	50148	61948	57131	51039	grade 0 events	13252	4599	12416	6159	13832	12188
rejected events	28115	27045	26006	25694	28538	27922		25%	7%	24%	9%	24%	23%
rejected %	54%	41%	51%	41%	49%	54%	grade 1 events	108	67	86	58	79	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	3689	13594	4471	7779	5360	4129
								7%	21%	8%	12%	9%	8%
							grade 3 events	1655	1587	1583	3376	2185	1568
								3%	2%	3%	5%	3%	3%
							grade 4 events	1595	1493	1667	3297	2126	1580
								3%	2%	3%	5%	3%	3%
							grade 5 events	1566	3513	1610	4058	2115	1784
								3%	5%	3%	6%	3%	3%
							grade 6 events	3022	16104	4005	15643	5090	3652
								5%	24%	7%	25%	8%	7%
							grade 7 events	26441	23465	24310	21578	26344	26051
								51%	36%	48%	34%	46%	51%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	12.02610569250018	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-18.98498204743375	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	358.6971279803007	[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)	402819079.278383	402819078.25339			
Observation start date	2010-10-07T06:11:19	2010-10-07T06:11:18			
[s] Observation end time (MET)	402824257.578649	402824256.55365			
Observation end date	2010-10-07T07:37:38	2010-10-07T07:37:36			
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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2818890055418

A.2 Comments