

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55127 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 24 2012

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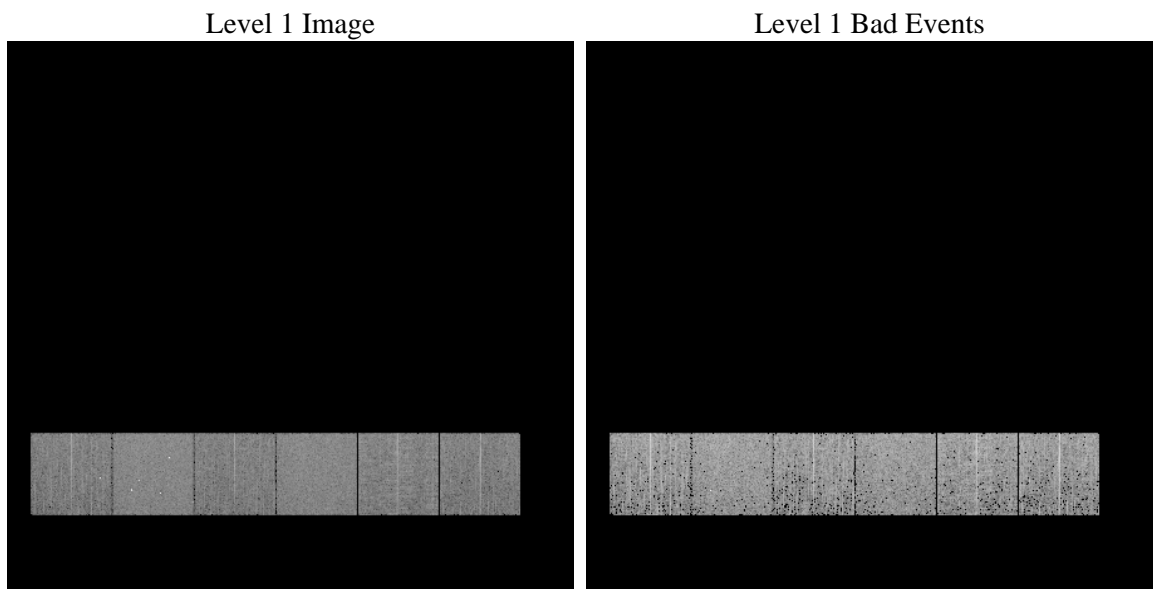
1 Front

seq_num	 	Sequence number
obs_id	55127	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	345.0236685795	Nominal RA [deg]
dec_nom	-20.010135644246	Nominal Dec [deg]
roll_nom	307.83580438191	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3500.7999870181	Sum of GTIs [s]
livetime	3456.4707496538	Livetime [s]
ontime4	3500.7999870181	Sum of GTIs [s]
ontime5	3500.7999870181	Sum of GTIs [s]
ontime6	3500.7999870181	Sum of GTIs [s]
ontime7	3500.7999870181	Sum of GTIs [s]
ontime8	3500.7999870181	Sum of GTIs [s]
ontime9	3497.5590267181	Sum of GTIs [s]
l2events	142522	Number of level 2 events

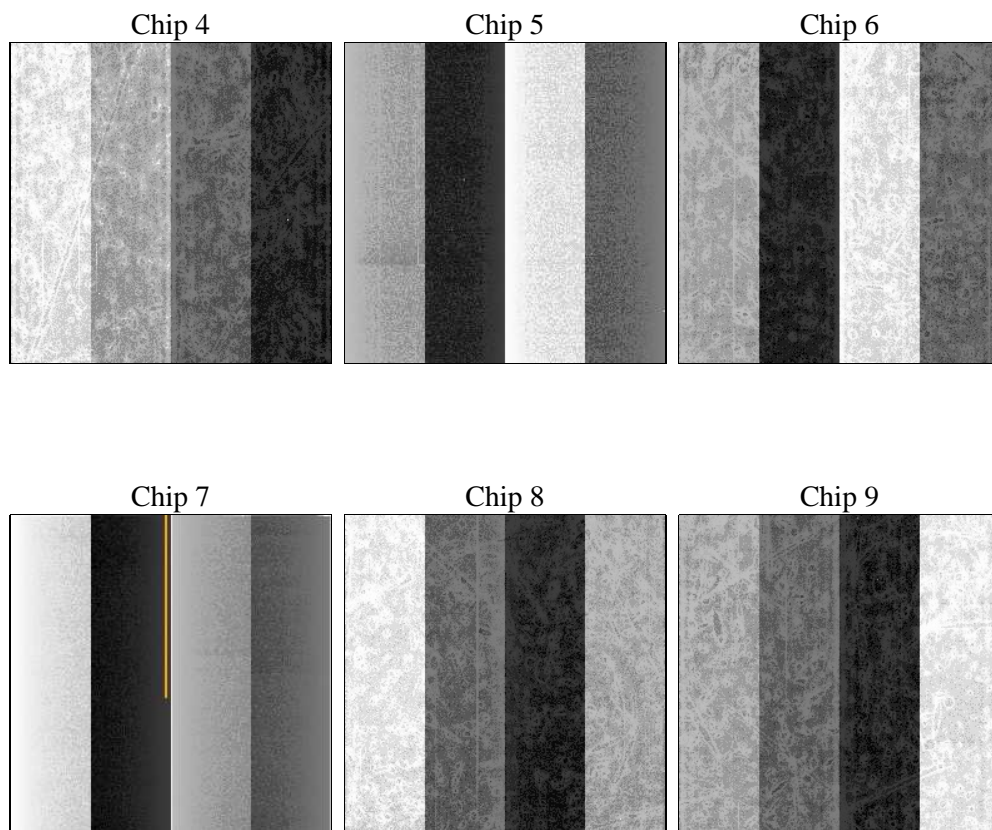
2 OBI

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	3500.7999870181	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	3500.7999870181	Sum of GTIs [s]
date	2012-02-25T03:24:55	Date and time of file creation	ontime5	3500.7999870181	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3500.7999870181	Sum of GTIs [s]
			ontime7	3500.7999870181	Sum of GTIs [s]
			ontime8	3500.7999870181	Sum of GTIs [s]
			ontime9	3497.5590267181	Sum of GTIs [s]
			l1events	304831	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	45670	60709	45481	56346	51116	45509	grade 0 events	12122	6071	10918	5768	12427	11094
rejected events	24560	25285	23855	23472	25313	24273		26%	10%	24%	10%	24%	24%
rejected %	53%	41%	52%	41%	49%	53%	grade 1 events	106	62	66	42	68	59
								0%	0%	0%	0%	0%	0%
							grade 2 events	3375	12101	4068	7193	4884	3757
								7%	19%	8%	12%	9%	8%
							grade 3 events	1429	1375	1429	2947	1901	1402
								3%	2%	3%	5%	3%	3%
							grade 4 events	1394	1353	1375	2910	1925	1383
								3%	2%	3%	5%	3%	3%
							grade 5 events	1452	3250	1491	3633	1918	1663
								3%	5%	3%	6%	3%	3%
							grade 6 events	2806	14565	3854	14093	4697	3619
								6%	23%	8%	25%	9%	7%
							grade 7 events	22986	21932	22280	19760	23296	22532
								50%	36%	48%	35%	45%	49%

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	345.0236685795023	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-20.01013564424629	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	307.8358043819121	[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)	434775968.865419	434775967.84042			
Observation start date	2011-10-12T03:06:09	2011-10-12T03:06:07			
[s] Observation end time (MET)	434794234.366378	434794233.34138			
Observation end date	2011-10-12T08:10:34	2011-10-12T08:10:33			
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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5007999870181

A.2 Comments