

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58934 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 3 2012

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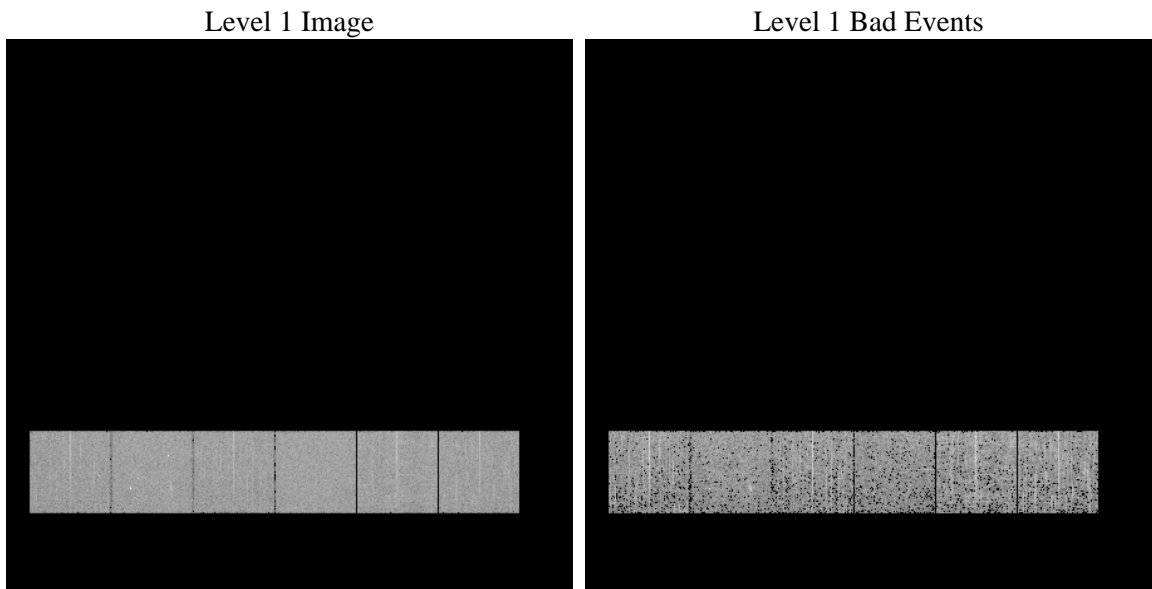
1 Front

seq_num	 	Sequence number
obs_id	58934	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	286.98174592226	Nominal RA [deg]
dec_nom	-8.9842616013291	Nominal Dec [deg]
roll_nom	121.14853842481	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2043.8404479623	Sum of GTIs [s]
livetime	2017.9601095572	Livetime [s]
ontime4	2043.7173279524	Sum of GTIs [s]
ontime5	2043.799407959	Sum of GTIs [s]
ontime6	2043.7583679557	Sum of GTIs [s]
ontime7	2043.8404479623	Sum of GTIs [s]
ontime8	2043.6762879789	Sum of GTIs [s]
ontime9	2043.8814879656	Sum of GTIs [s]
l2events	229557	Number of level 2 events

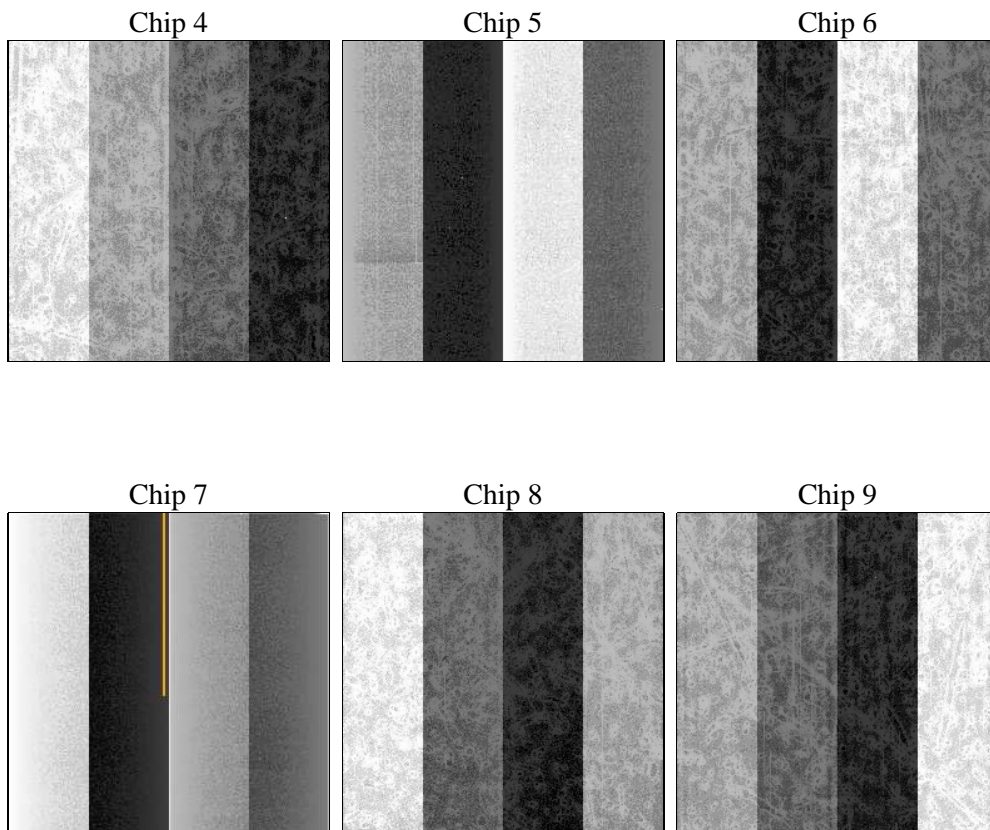
2 OBI

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	2043.8404479623	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	2043.7173279524	Sum of GTIs [s]
date	2012-04-03T11:50:40	Date and time of file creation	ontime5	2043.799407959	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2043.7583679557	Sum of GTIs [s]
			ontime7	2043.8404479623	Sum of GTIs [s]
			ontime8	2043.6762879789	Sum of GTIs [s]
			ontime9	2043.8814879656	Sum of GTIs [s]
			l1events	353511	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	56028	60027	57797	60813	61135	57711
rejected events	18616	16933	18146	14750	19351	19287
rejected %	33%	28%	31%	24%	31%	33%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	21549	8507	21420	10311	22124	20833
	38%	14%	37%	16%	36%	36%
grade 1 events	179	105	120	52	165	154
	0%	0%	0%	0%	0%	0%
grade 2 events	6013	15556	6919	9929	7455	6710
	10%	25%	11%	16%	12%	11%
grade 3 events	2459	2394	2464	4546	2765	2516
	4%	3%	4%	7%	4%	4%
grade 4 events	2497	2237	2501	4450	2814	2514
	4%	3%	4%	7%	4%	4%
grade 5 events	1065	2474	1060	2550	1245	1093
	1%	4%	1%	4%	2%	1%
grade 6 events	4894	14400	6347	16827	6626	5851
	8%	23%	10%	27%	10%	10%
grade 7 events	17372	14354	16966	12148	17941	18040
	31%	23%	29%	19%	29%	31%

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	286.9817459222591	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-8.984261601329065	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	121.1485384248114			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	266382028.526206	266382027.50121			
Observation start date	2006-06-11T03:00:29	2006-06-11T03:00:27			
[s] Observation end time (MET)	266396841.826898	266396840.8019			
Observation end date	2006-06-11T07:07:22	2006-06-11T07:07:20			
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)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0438404479623

A.2 Comments