

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58725 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 12 2012

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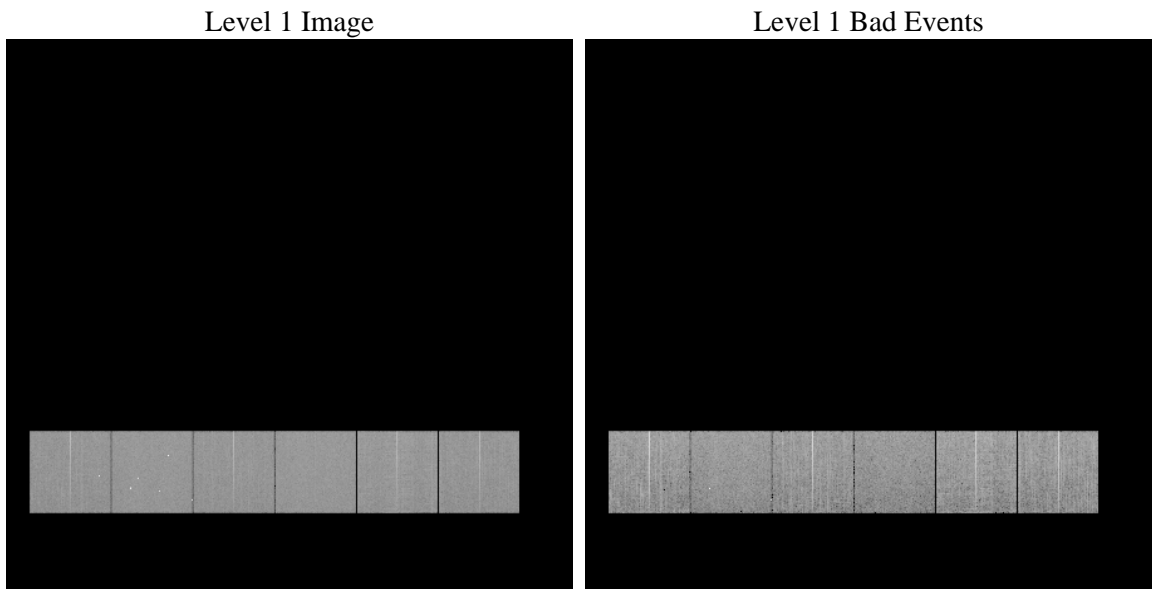
1 Front

seq_num	 	Sequence number
obs_id	58725	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	4.0245681048083	Nominal RA [deg]
dec_nom	-0.014656652856841	Nominal Dec [deg]
roll_nom	296.33597412512	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.8661593795	Sum of GTIs [s]
livetime	7693.2008583709	Livetime [s]
ontime4	7791.7430393696	Sum of GTIs [s]
ontime5	7791.8251193762	Sum of GTIs [s]
ontime6	7791.7840793729	Sum of GTIs [s]
ontime7	7791.8661593795	Sum of GTIs [s]
ontime8	7791.7019993663	Sum of GTIs [s]
ontime9	7788.6663187146	Sum of GTIs [s]
l2events	826978	Number of level 2 events

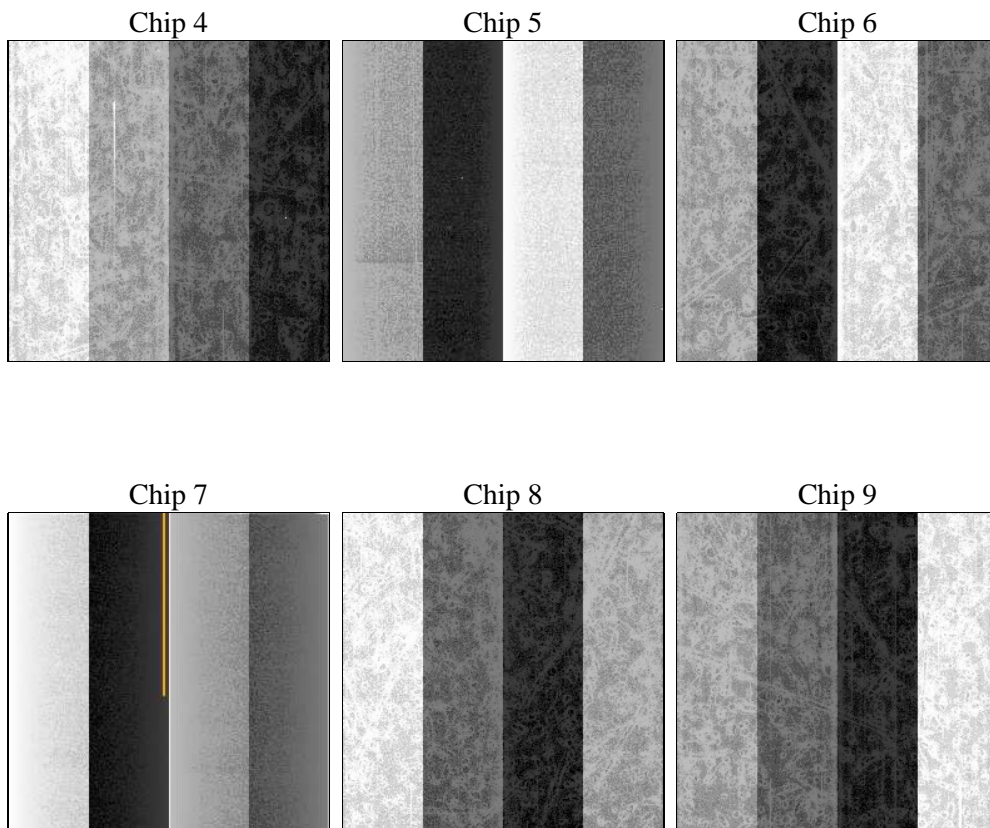
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	7791.8661593795	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.7430393696	Sum of GTIs [s]
date	2012-04-12T10:01:59	Date and time of file creation	ontime5	7791.8251193762	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.7840793729	Sum of GTIs [s]
			ontime7	7791.8661593795	Sum of GTIs [s]
			ontime8	7791.7019993663	Sum of GTIs [s]
			ontime9	7788.6663187146	Sum of GTIs [s]
			l1events	1310219	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	208150	225826	211536	224882	229325	210500	grade 0 events	77581	31993	75233	36383	79906	74267
rejected events	74014	65367	70235	58360	76285	73878		37%	14%	35%	16%	34%	35%
rejected %	35%	28%	33%	25%	33%	35%	grade 1 events	811	401	444	162	494	543
								0%	0%	0%	0%	0%	0%
							grade 2 events	21015	57369	24870	36178	27536	23466
								10%	25%	11%	16%	12%	11%
							grade 3 events	9007	8562	8941	16218	10676	9064
								4%	3%	4%	7%	4%	4%
							grade 4 events	9019	8135	8915	16203	10209	8903
								4%	3%	4%	7%	4%	4%
							grade 5 events	3844	9480	3983	9875	5123	4438
								1%	4%	1%	4%	2%	2%
							grade 6 events	17567	54471	23405	61607	24763	20979
								8%	24%	11%	27%	10%	9%
							grade 7 events	69306	55415	65745	48256	70618	68840
								33%	24%	31%	21%	30%	32%

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	4.024568104808282	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.01465665285684147	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	296.3359741251204			
[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)	278256576.183778	278256575.15877			
Observation start date	2006-10-26T13:29:36	2006-10-26T13:29:35			
[s] Observation end time (MET)	278274632.58463	278274631.55963			
Observation end date	2006-10-26T18:30:33	2006-10-26T18:30:31			
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)	2012.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7918661593795

A.2 Comments