

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56501 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 20 2012

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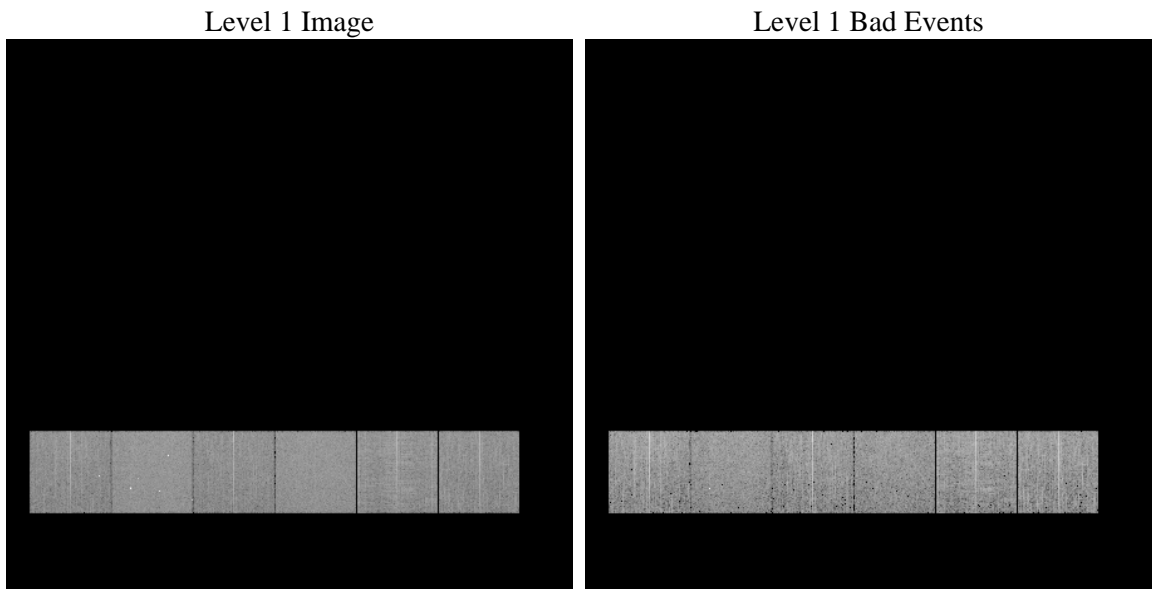
1 Front

seq_num	 	Sequence number
obs_id	56501	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	120.02645859763	Nominal RA [deg]
dec_nom	6.0112376880142	Nominal Dec [deg]
roll_nom	350.07418726013	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4281.5999841094	Sum of GTIs [s]
livetime	4227.3837870406	Livetime [s]
ontime4	4281.5999841094	Sum of GTIs [s]
ontime5	4281.5999841094	Sum of GTIs [s]
ontime6	4281.5999841094	Sum of GTIs [s]
ontime7	4281.5999841094	Sum of GTIs [s]
ontime8	4281.5863069892	Sum of GTIs [s]
ontime9	4281.5999841094	Sum of GTIs [s]
l2events	244888	Number of level 2 events

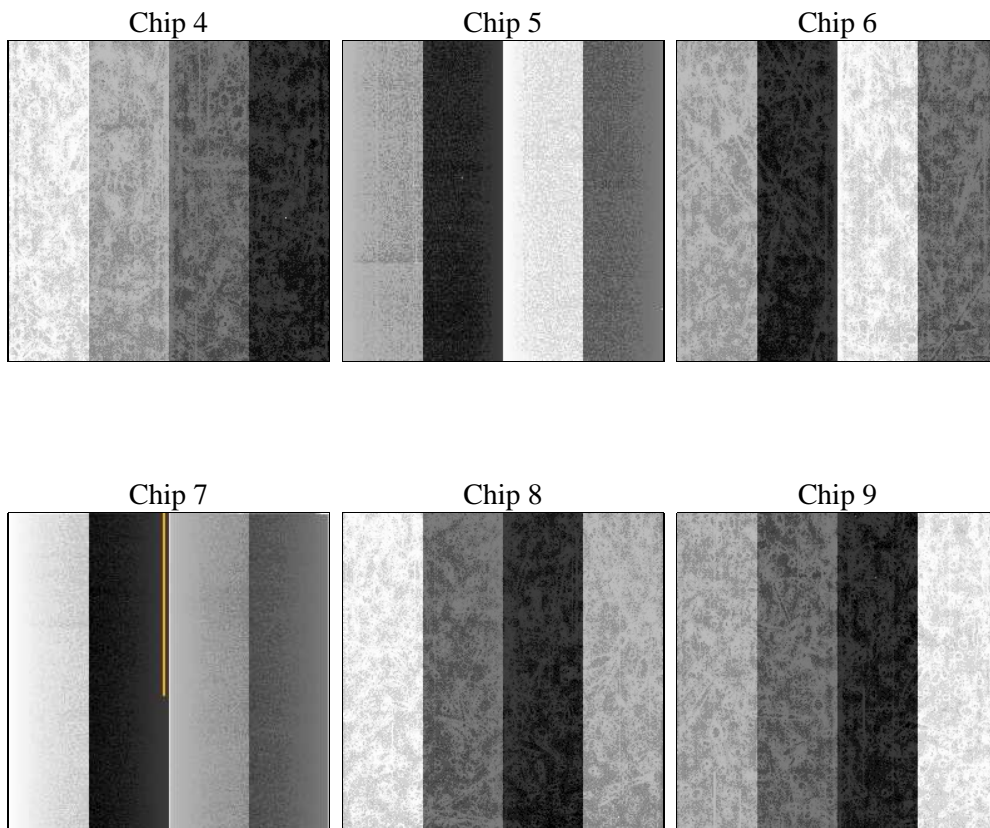
2 OBI

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	4281.5999841094	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	4281.5999841094	Sum of GTIs [s]
date	2012-06-20T03:02:58	Date and time of file creation	ontime5	4281.5999841094	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4281.5999841094	Sum of GTIs [s]
			ontime7	4281.5999841094	Sum of GTIs [s]
			ontime8	4281.5863069892	Sum of GTIs [s]
			ontime9	4281.5999841094	Sum of GTIs [s]
			l1events	519250	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	79592	97900	78153	93105	89832	80668	grade 0 events	20407	9021	19421	9967	21645	19176
rejected events	43750	39441	40498	37145	44311	44209		25%	9%	24%	10%	24%	23%
rejected %	54%	40%	51%	39%	49%	54%	grade 1 events	230	188	130	90	145	153
								0%	0%	0%	0%	0%	0%
							grade 2 events	5768	20467	6771	12191	8889	6395
								7%	20%	8%	13%	9%	7%
							grade 3 events	2474	2512	2554	5209	3422	2578
								3%	2%	3%	5%	3%	3%
							grade 4 events	2562	2525	2521	5047	3234	2504
								3%	2%	3%	5%	3%	3%
							grade 5 events	2316	5300	2467	6023	2979	2605
								2%	5%	3%	6%	3%	3%
							grade 6 events	4664	23977	6420	23597	8353	5832
								5%	24%	8%	25%	9%	7%
							grade 7 events	41171	33910	37869	30981	41165	41425
								51%	34%	48%	33%	45%	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	120.0264585976286	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	6.011237688014164	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	350.0741872601262	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	380394425.385349	380394424.36035			
Observation start date	2010-01-20T17:07:05	2010-01-20T17:07:04			
[s] Observation end time (MET)	380401190.385691	380401189.36069			
Observation end date	2010-01-20T18:59:50	2010-01-20T18:59:49			
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.2815999841094

A.2 Comments