

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58782 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 9 2012

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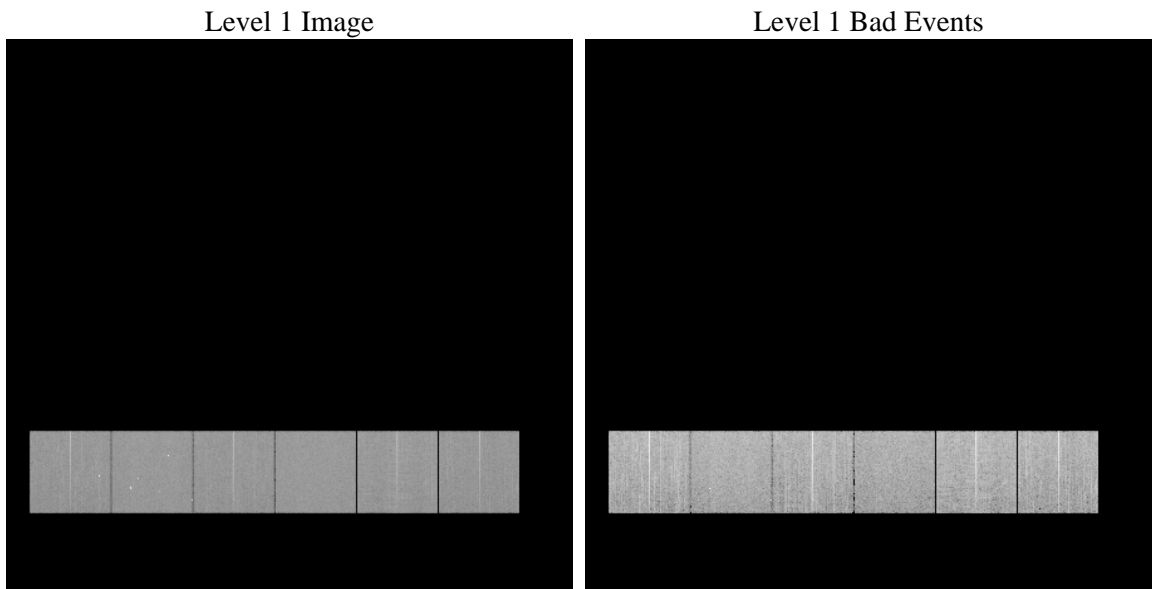
1 Front

seq_num	 	Sequence number
obs_id	58782	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	326.01508272182	Nominal RA [deg]
dec_nom	-0.026720354193546	Nominal Dec [deg]
roll_nom	265.31661959837	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	882114	Number of level 2 events

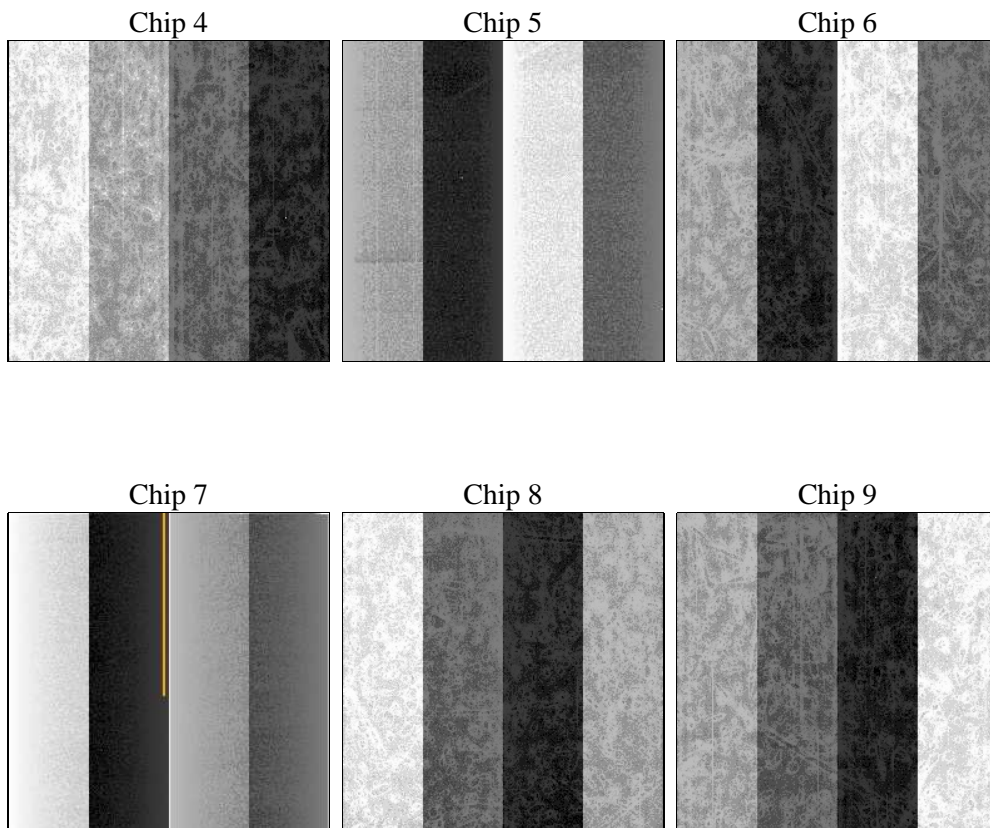
2 OBI

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	8.4.3.1	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-09T18:15:12	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1384633	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	222358	236801	224578	238828	242034	220034	grade 0 events	82709	32691	81216	39487	85601	79265
rejected events	79459	68037	73249	60264	79341	74411		37%	13%	36%	16%	35%	36%
rejected %	35%	28%	32%	25%	32%	33%	grade 1 events	769	383	489	185	553	612
								0%	0%	0%	0%	0%	0%
							grade 2 events	22554	60785	26530	38813	29081	25019
								10%	25%	11%	16%	12%	11%
							grade 3 events	9646	8851	9579	17565	11369	9397
								4%	3%	4%	7%	4%	4%
							grade 4 events	9483	8801	9596	17289	10952	9388
								4%	3%	4%	7%	4%	4%
							grade 5 events	3988	9753	4204	10333	5314	4669
								1%	4%	1%	4%	2%	2%
							grade 6 events	18507	57636	24408	65410	25748	22554
								8%	24%	10%	27%	10%	10%
							grade 7 events	74702	57901	68556	49746	73416	69130
								33%	24%	30%	20%	30%	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	326.0150827218171	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.02672035419354575	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	265.3166195983687			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	274870062.124253	274870061.09924			
Observation start date	2006-09-17T08:47:42	2006-09-17T08:47:41			
[s] Observation end time (MET)	274893134.875338	274893133.85033			
Observation end date	2006-09-17T15:12:15	2006-09-17T15:12:13			
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)	2012.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments