

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58766 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 10 2012

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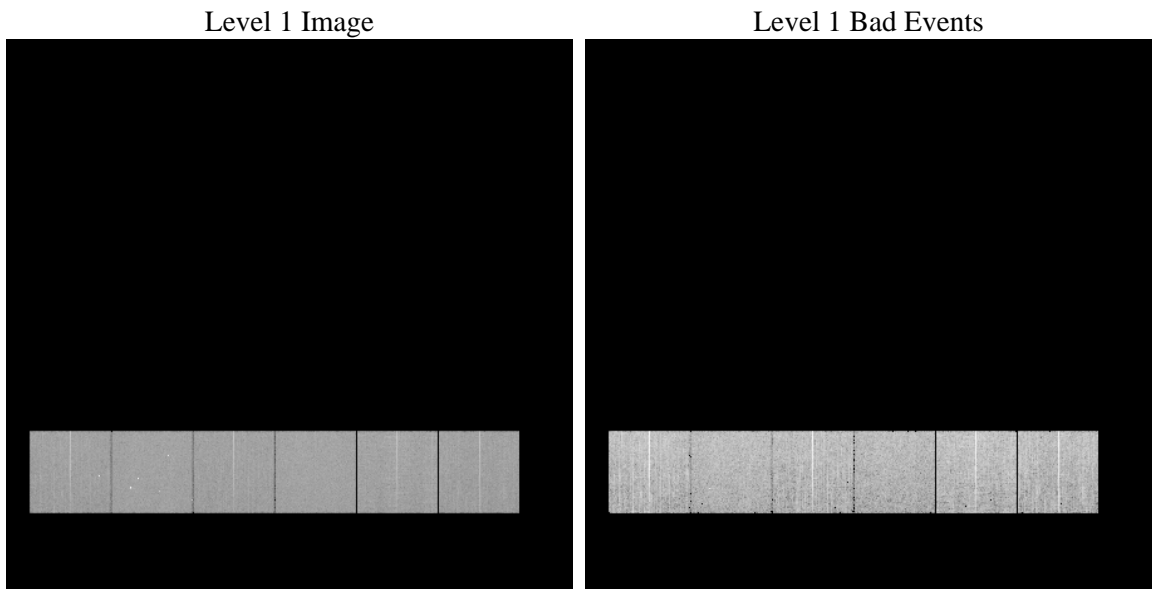
1 Front

seq_num	 	Sequence number
obs_id	58766	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	14.018689686013	Nominal RA [deg]
dec_nom	-24.976893594552	Nominal Dec [deg]
roll_nom	20.795434140493	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6284.1575032473	Sum of GTIs [s]
livetime	6204.5837170758	Livetime [s]
ontime4	6284.0343832374	Sum of GTIs [s]
ontime5	6284.116463244	Sum of GTIs [s]
ontime6	6284.0754232407	Sum of GTIs [s]
ontime7	6284.1575032473	Sum of GTIs [s]
ontime8	6283.9933432341	Sum of GTIs [s]
ontime9	6284.1985432506	Sum of GTIs [s]
l2events	661013	Number of level 2 events

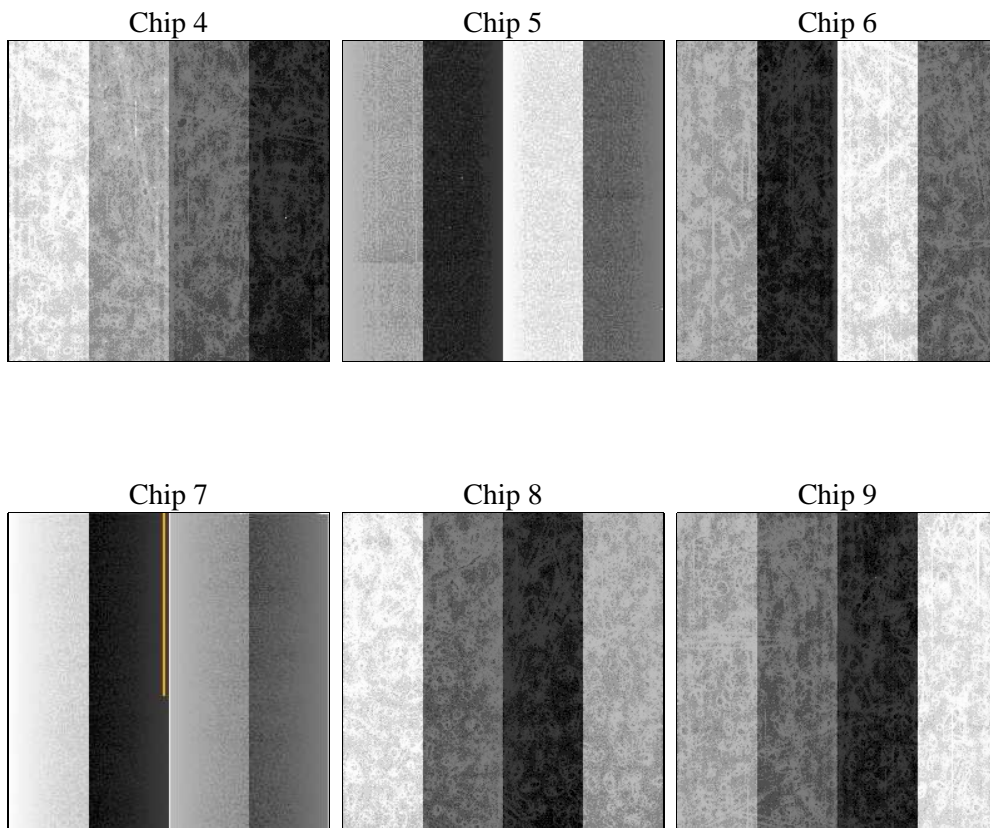
2 OBI

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	6284.1575032473	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6284.0343832374	Sum of GTIs [s]
date	2012-04-10T11:01:49	Date and time of file creation	ontime5	6284.116463244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6284.0754232407	Sum of GTIs [s]
			ontime7	6284.1575032473	Sum of GTIs [s]
			ontime8	6283.9933432341	Sum of GTIs [s]
			ontime9	6284.1985432506	Sum of GTIs [s]
			l1events	1047494	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	168140	177803	168898	180428	184923	167302	grade 0 events	61860	24729	60426	29580	64052	60234
rejected events	61242	51080	55667	46647	62294	57225		36%	13%	35%	16%	34%	36%
rejected %	36%	28%	32%	25%	33%	34%	grade 1 events	574	183	374	127	403	412
								0%	0%	0%	0%	0%	0%
							grade 2 events	16866	45510	19762	29191	22219	18763
								10%	25%	11%	16%	12%	11%
							grade 3 events	7258	6515	7326	13062	8299	7245
								4%	3%	4%	7%	4%	4%
							grade 4 events	6997	6358	7220	12848	8218	7231
								4%	3%	4%	7%	4%	4%
							grade 5 events	3092	7262	3243	7914	3999	3504
								1%	4%	1%	4%	2%	2%
							grade 6 events	13917	43611	18497	49100	19841	16604
								8%	24%	10%	27%	10%	9%
							grade 7 events	57576	43635	52050	38606	57892	53309
								34%	24%	30%	21%	31%	31%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	14.01868968601295
[deg] Pointing Dec	0	-24.9768935945517
[deg] Pointing Roll	0.0	20.79543414049292
[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)	275789200.167486	275789199.14248
Observation start date	2006-09-28T00:06:40	2006-09-28T00:06:39
[s] Observation end time (MET)	275808630.068401	275808629.0434
Observation end date	2006-09-28T05:30:30	2006-09-28T05:30:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

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	6.2841575032473

A.2 Comments