

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60583 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 3 2012

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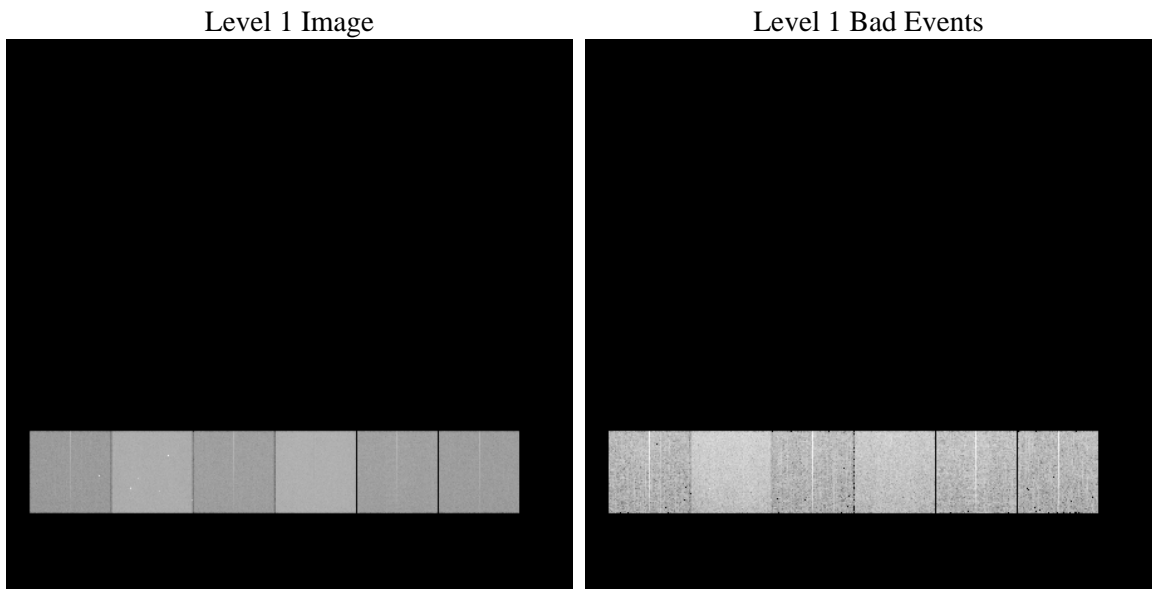
1 Front

seq_num	 	Sequence number
obs_id	60583	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	214.05976016186	Nominal RA [deg]
dec_nom	67.982156264812	Nominal Dec [deg]
roll_nom	288.5839151193	Nominal Roll [deg]
revision	3	Processing version of data
ontime	11569.744059354	Sum of GTIs [s]
livetime	11423.240993611	Livetime [s]
ontime4	5677.7810427845	Sum of GTIs [s]
ontime5	11571.199956894	Sum of GTIs [s]
ontime6	6306.492793113	Sum of GTIs [s]
ontime7	11569.744059354	Sum of GTIs [s]
ontime8	6432.9739088416	Sum of GTIs [s]
ontime9	6089.2245473564	Sum of GTIs [s]
l2events	1703324	Number of level 2 events

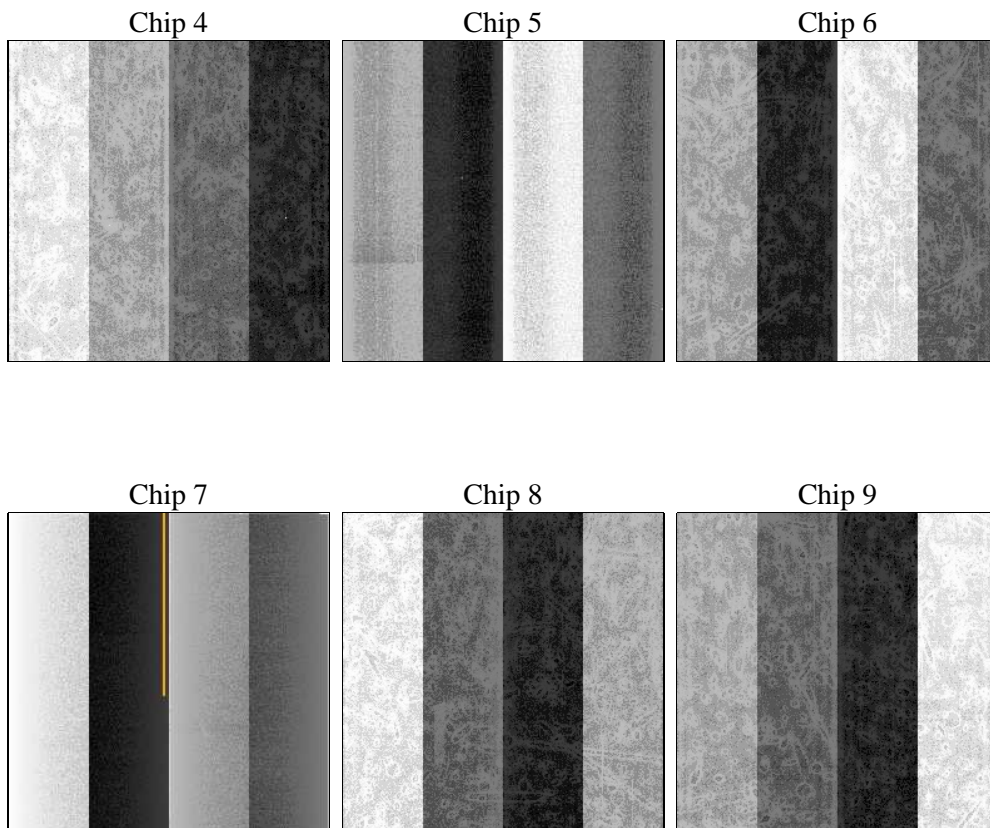
2 OBI

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	11569.744059354	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5677.7810427845	Sum of GTIs [s]
date	2012-11-03T17:22:12	Date and time of file creation	ontime5	11571.199956894	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6306.492793113	Sum of GTIs [s]
			ontime7	11569.744059354	Sum of GTIs [s]
			ontime8	6432.9739088416	Sum of GTIs [s]
			ontime9	6089.2245473564	Sum of GTIs [s]
			l1events	2092472	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	245757	475554	286476	515529	300895	268261	grade 0 events	119687	98499	134076	113787	138751	125771
rejected events	40155	71617	41253	60031	48101	40189		48%	20%	46%	22%	46%	46%
rejected %	16%	15%	14%	11%	15%	14%	grade 1 events	853	332	590	305	651	684
								0%	0%	0%	0%	0%	0%
							grade 2 events	32630	141649	42293	101164	44212	38828
								13%	29%	14%	19%	14%	14%
							grade 3 events	13750	25567	15120	45864	16400	14722
								5%	5%	5%	8%	5%	5%
							grade 4 events	13540	25569	15005	45907	16286	14646
								5%	5%	5%	8%	5%	5%
							grade 5 events	2518	12575	2966	11449	3411	2948
								1%	2%	1%	2%	1%	1%
							grade 6 events	25995	112771	38729	148776	37145	34105
								10%	23%	13%	28%	12%	12%
							grade 7 events	36784	58592	37697	48277	44039	36557
								14%	12%	13%	9%	14%	13%

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	214.0597601618551	Alternating exposures requested	N	N
[deg] Pointing Dec	0	67.98215626481223	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	288.5839151192951			
[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)	177730092.286063	177730091.26135			
Observation start date	2003-08-20T01:28:12	2003-08-20T01:28:11			
[s] Observation end time (MET)	177752572.587025	177752571.56232			
Observation end date	2003-08-20T07:42:53	2003-08-20T07:42:51			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.569744059354

A.2 Comments