

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61033 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 14 2012

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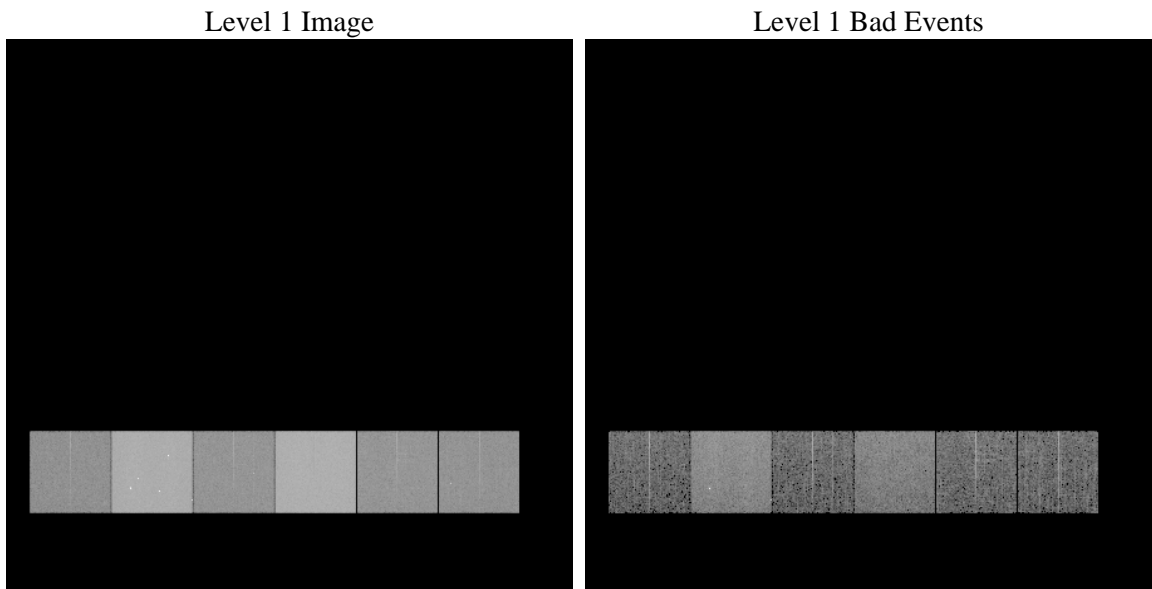
1 Front

seq_num	 	Sequence number
obs_id	61033	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	282.62975766136	Nominal RA [deg]
dec_nom	-46.019791518934	Nominal Dec [deg]
roll_nom	283.38871421233	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8208.8650731444	Sum of GTIs [s]
livetime	8104.9194808032	Livetime [s]
ontime4	2897.0512634218	Sum of GTIs [s]
ontime5	8393.5999687314	Sum of GTIs [s]
ontime6	3185.4616467059	Sum of GTIs [s]
ontime7	8208.8650731444	Sum of GTIs [s]
ontime8	3204.9900957644	Sum of GTIs [s]
ontime9	3058.9385649264	Sum of GTIs [s]
l2events	1284600	Number of level 2 events

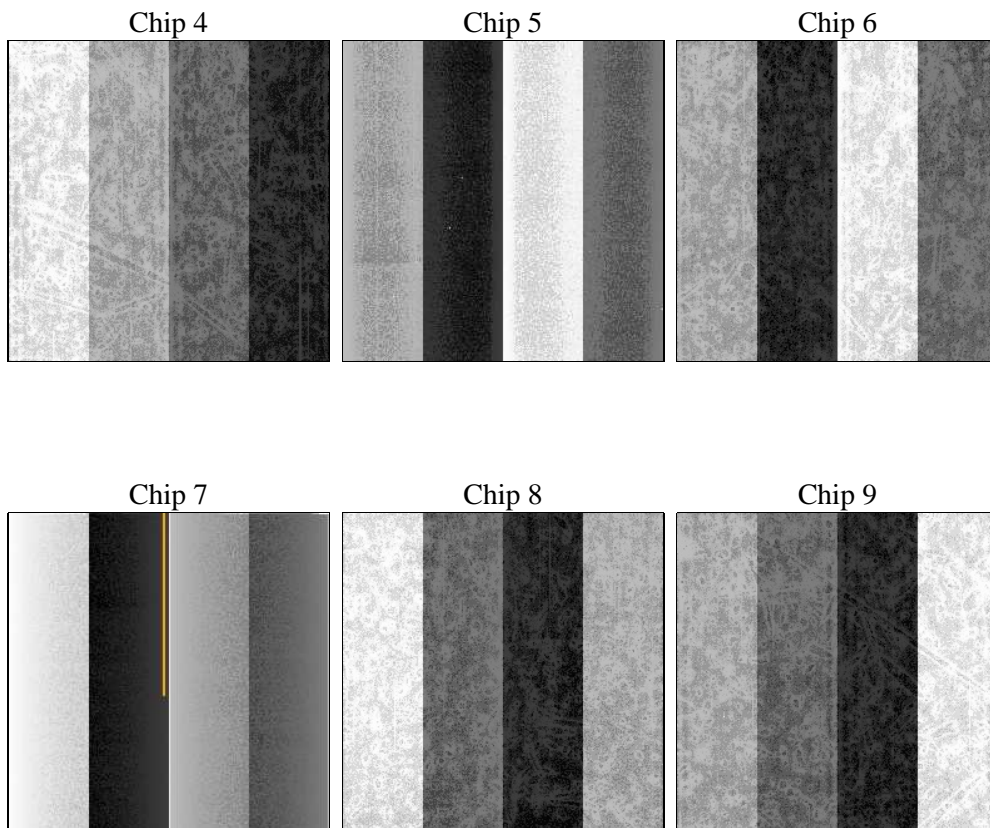
2 OBI

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	8.4.5	Processing system revision	ontime	8208.8650731444	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2897.0512634218	Sum of GTIs [s]
date	2012-10-14T20:58:29	Date and time of file creation	ontime5	8393.5999687314	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3185.4616467059	Sum of GTIs [s]
			ontime7	8208.8650731444	Sum of GTIs [s]
			ontime8	3204.9900957644	Sum of GTIs [s]
			ontime9	3058.9385649264	Sum of GTIs [s]
			l1events	1555331	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	153442	422322	179332	446224	185145	168866	grade 0 events	77696	71115	85061	99239	88791	81403
rejected events	23589	65790	24340	46583	26825	24524		50%	16%	47%	22%	47%	48%
rejected %	15%	15%	13%	10%	14%	14%	grade 1 events	597	360	395	238	447	471
								0%	0%	0%	0%	0%	0%
							grade 2 events	19215	145052	27200	89697	27181	23847
								12%	34%	15%	20%	14%	14%
							grade 3 events	8681	17637	9343	39613	10074	9194
								5%	4%	5%	8%	5%	5%
							grade 4 events	8671	17203	9265	39094	9903	9127
								5%	4%	5%	8%	5%	5%
							grade 5 events	1412	10704	1684	8492	1927	1676
								0%	2%	0%	1%	1%	0%
							grade 6 events	16770	108088	25237	134593	23442	21824
								10%	25%	14%	30%	12%	12%
							grade 7 events	20400	52163	21147	35258	23380	21324
								13%	12%	11%	7%	12%	12%

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	282.6297576613621	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-46.01979151893411	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	283.3887142123322			
[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)	148297652.698334	148297651.67361			
Observation start date	2002-09-13T09:47:33	2002-09-13T09:47:31			
[s] Observation end time (MET)	148319946.449254	148319945.42454			
Observation end date	2002-09-13T15:59:06	2002-09-13T15:59:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2088650731444

A.2 Comments