

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56858 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 12 2012

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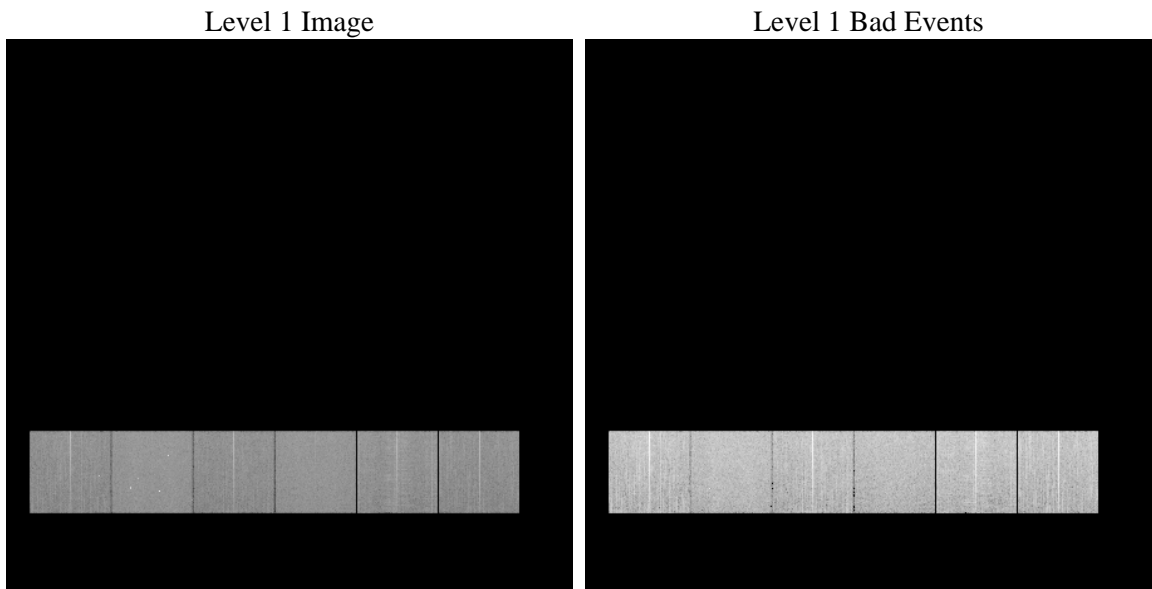
1 Front

seq_num	 	Sequence number
obs_id	56858	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	327.03284653472	Nominal RA [deg]
dec_nom	-29.001369384255	Nominal Dec [deg]
roll_nom	324.38642645437	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8229.4340832233	Sum of GTIs [s]
livetime	8125.2280336913	Livetime [s]
ontime4	8229.3109632134	Sum of GTIs [s]
ontime5	8229.39304322	Sum of GTIs [s]
ontime6	8229.3520032167	Sum of GTIs [s]
ontime7	8229.4340832233	Sum of GTIs [s]
ontime8	8229.2699232101	Sum of GTIs [s]
ontime9	8229.4751232266	Sum of GTIs [s]
l2events	498444	Number of level 2 events

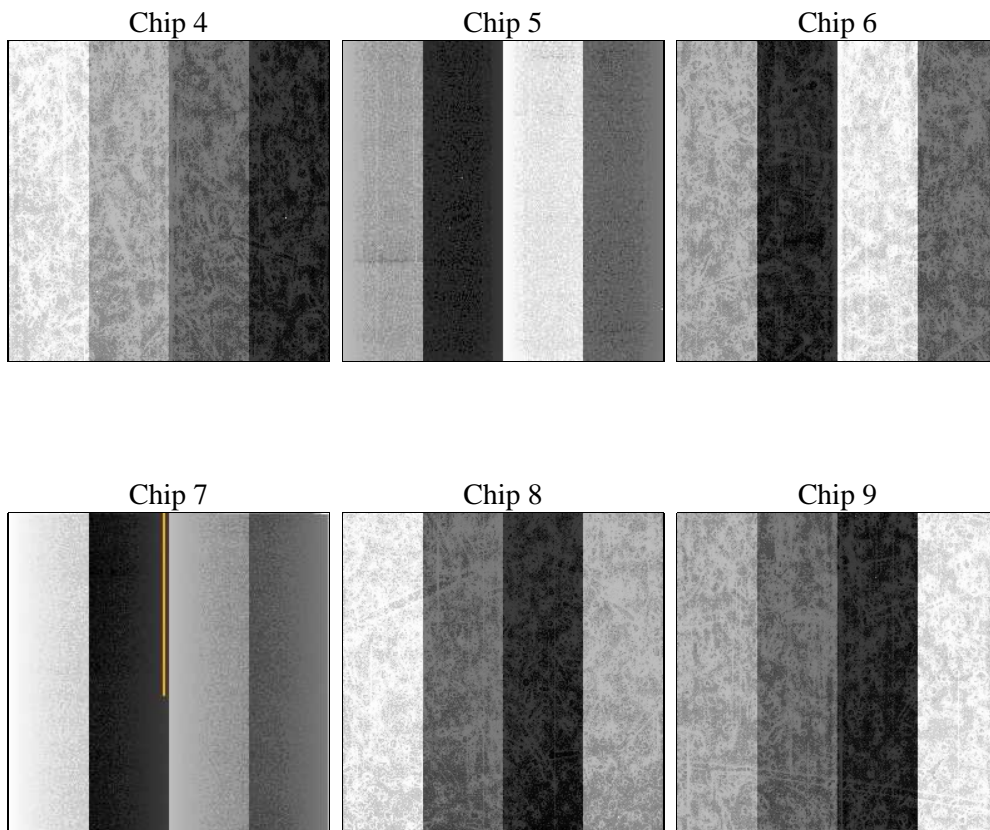
2 OBI

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	8229.4340832233	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8229.3109632134	Sum of GTIs [s]
date	2012-06-12T16:34:56	Date and time of file creation	ontime5	8229.39304322	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8229.3520032167	Sum of GTIs [s]
			ontime7	8229.4340832233	Sum of GTIs [s]
			ontime8	8229.2699232101	Sum of GTIs [s]
			ontime9	8229.4751232266	Sum of GTIs [s]
			l1events	1033854	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	157588	192958	156102	185928	181024	160254	grade 0 events	40831	17951	40322	20863	44953	39657
rejected events	85365	77199	79428	72640	88672	85856		25%	9%	25%	11%	24%	24%
rejected %	54%	40%	50%	39%	48%	53%	grade 1 events	444	249	274	162	312	307
								0%	0%	0%	0%	0%	0%
							grade 2 events	11848	40907	13911	24999	17971	13066
								7%	21%	8%	13%	9%	8%
							grade 3 events	5202	4963	5064	10417	6770	5052
								3%	2%	3%	5%	3%	3%
							grade 4 events	5109	4986	5023	10223	6592	5185
								3%	2%	3%	5%	3%	3%
							grade 5 events	4434	10049	4750	11764	6025	5104
								2%	5%	3%	6%	3%	3%
							grade 6 events	9616	47511	12766	47395	16523	11796
								6%	24%	8%	25%	9%	7%
							grade 7 events	80104	66342	73992	60105	81878	80087
								50%	34%	47%	32%	45%	49%

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	OVERRIDE	OVERRIDE
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	327.032846534721	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-29.00136938425512	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	324.3864264543662	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	368281595.924912	368281595.924912			
Observation start date	2009-09-02T12:26:36	2009-09-02T12:26:35			
[s] Observation end time (MET)	368291143.171101	368291143.171101			
Observation end date	2009-09-02T15:05:43	2009-09-02T15:05:43			
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)	2012.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2294340832233

A.2 Comments