

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58798 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 8 2012

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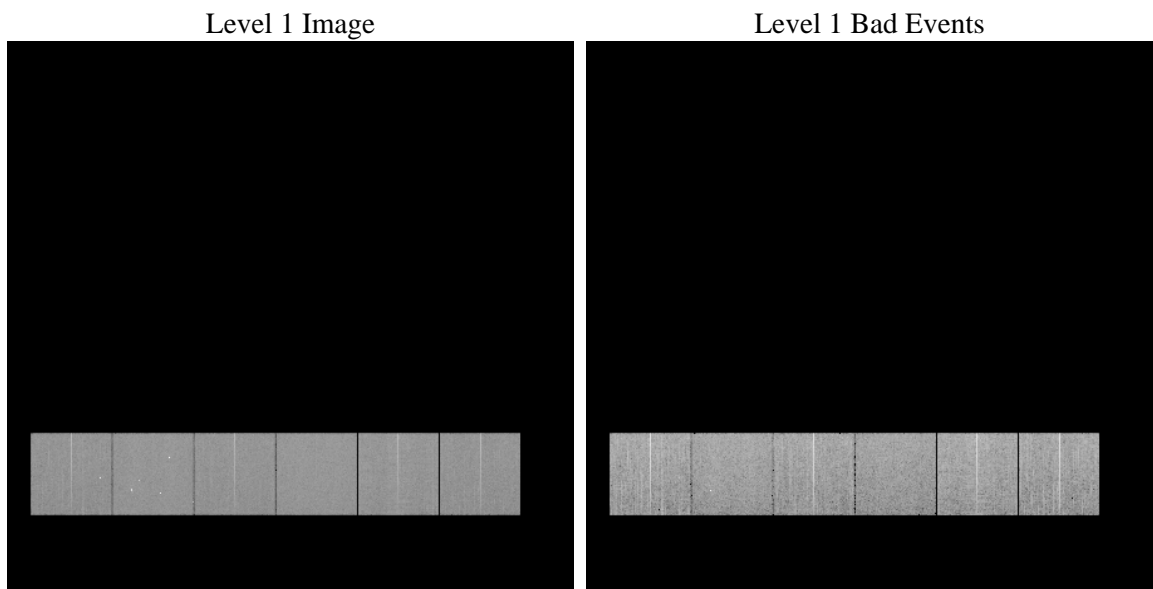
1 Front

seq_num	 	Sequence number
obs_id	58798	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	332.01915975963	Nominal RA [deg]
dec_nom	-8.0214699063736	Nominal Dec [deg]
roll_nom	278.6044290303	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7795.1999710202	Sum of GTIs [s]
livetime	7696.4924552813	Livetime [s]
ontime4	7795.1999710202	Sum of GTIs [s]
ontime5	7795.1999710202	Sum of GTIs [s]
ontime6	7795.1999710202	Sum of GTIs [s]
ontime7	7795.1999710202	Sum of GTIs [s]
ontime8	7795.1999710202	Sum of GTIs [s]
ontime9	7795.1999710202	Sum of GTIs [s]
l2events	830951	Number of level 2 events

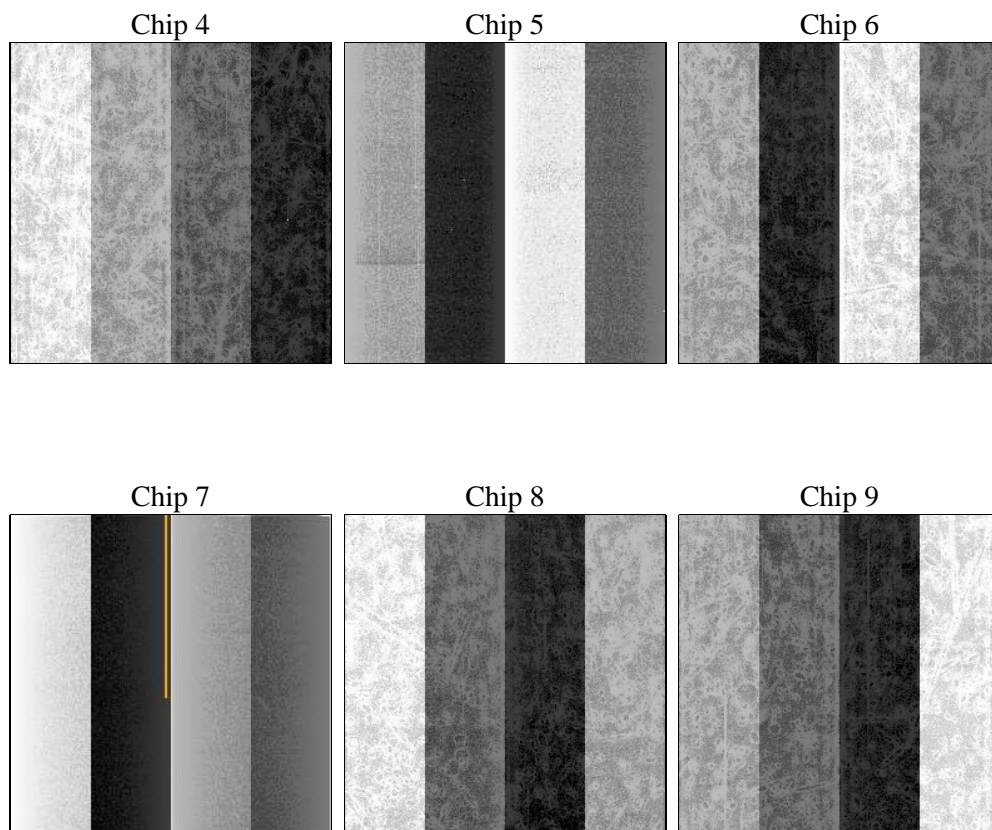
2 OBI

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	7795.1999710202	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7795.1999710202	Sum of GTIs [s]
date	2012-04-08T21:27:07	Date and time of file creation	ontime5	7795.1999710202	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7795.1999710202	Sum of GTIs [s]
			ontime7	7795.1999710202	Sum of GTIs [s]
			ontime8	7795.1999710202	Sum of GTIs [s]
			ontime9	7795.1999710202	Sum of GTIs [s]
			l1events	1296361	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	206805	223590	210055	224423	225899	205589	grade 0 events	77452	33818	76721	37557	80498	74920
rejected events	72878	63078	66723	56332	73254	68276		37%	15%	36%	16%	35%	36%
rejected %	35%	28%	31%	25%	32%	33%	grade 1 events	723	196	427	167	501	502
								0%	0%	0%	0%	0%	0%
							grade 2 events	21408	56441	25032	36996	27203	23667
								10%	25%	11%	16%	12%	11%
							grade 3 events	9077	8608	9173	16403	10426	9077
								4%	3%	4%	7%	4%	4%
							grade 4 events	8867	8485	9220	16621	10294	8783
								4%	3%	4%	7%	4%	4%
							grade 5 events	3937	9242	4025	9639	4947	4271
								1%	4%	1%	4%	2%	2%
							grade 6 events	17123	53160	23186	60514	24224	20866
								8%	23%	11%	26%	10%	10%
							grade 7 events	68218	53640	62271	46526	67806	63503
								32%	23%	29%	20%	30%	30%

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	332.0191597596288	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-8.021469906373561	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	278.6044290302969			
[mm] SIM focus pos	-0.684267	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	274145005.790144	274145004.76515			
Observation start date	2006-09-08T23:23:26	2006-09-08T23:23:24			
[s] Observation end time (MET)	274160950.690893	274160949.6659			
Observation end date	2006-09-09T03:49:11	2006-09-09T03:49:09			
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)	2012.04.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999710202

A.2 Comments