

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58799 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 8 2012

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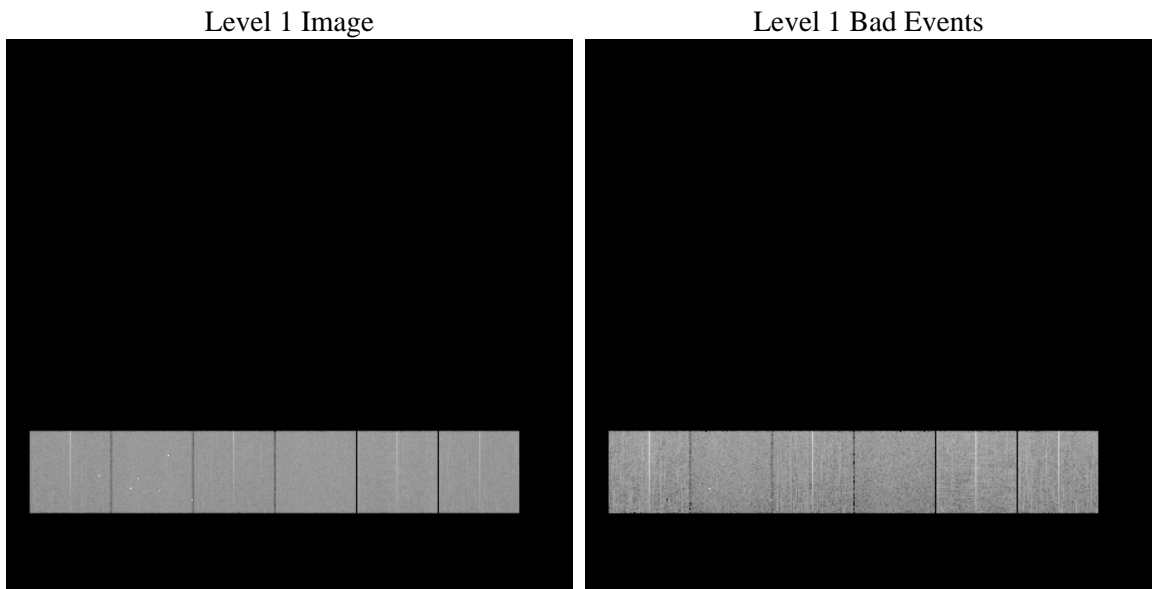
1 Front

seq_num	 	Sequence number
obs_id	58799	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	317.01803941023	Nominal RA [deg]
dec_nom	-8.0248337299917	Nominal Dec [deg]
roll_nom	271.68112401583	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8268.7589789629	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	900943	Number of level 2 events

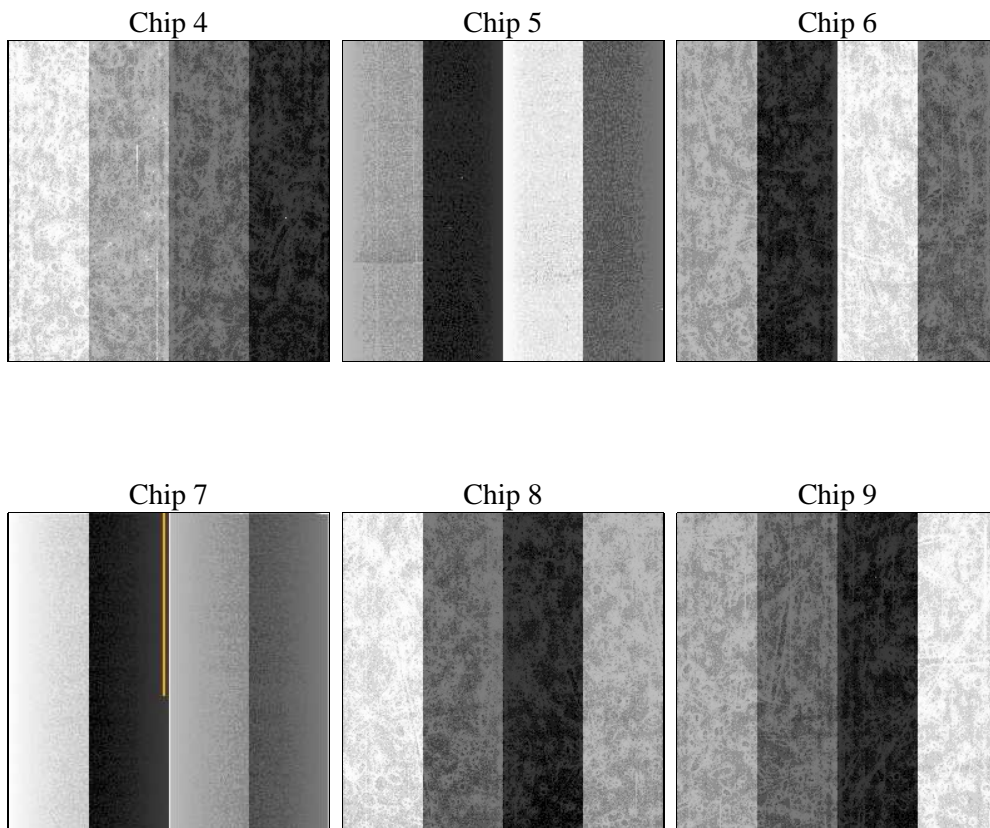
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8268.7589789629	Sum of GTIs [s]
date	2012-04-08T20:31:28	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1398604	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	223192	238789	226456	239508	245452	225207	grade 0 events	85139	34317	82857	40149	87577	81944
rejected events	76455	66962	71463	60228	77982	74456		38%	14%	36%	16%	35%	36%
rejected %	34%	28%	31%	25%	31%	33%	grade 1 events	771	478	502	164	541	575
								0%	0%	0%	0%	0%	0%
							grade 2 events	23146	62135	27156	39053	29751	25902
								10%	26%	11%	16%	12%	11%
							grade 3 events	9975	9095	9744	17531	11418	9682
								4%	3%	4%	7%	4%	4%
							grade 4 events	9638	8726	9747	17372	11351	9690
								4%	3%	4%	7%	4%	4%
							grade 5 events	4044	10159	4123	10278	5278	4644
								1%	4%	1%	4%	2%	2%
							grade 6 events	18839	57554	25489	65175	27373	23533
								8%	24%	11%	27%	11%	10%
							grade 7 events	71640	56325	66838	49786	72163	69237
								32%	23%	29%	20%	29%	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	317.0180394102254	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-8.024833729991688	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	271.6811240158289			
[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)	273960165.481457	273960164.45646			
Observation start date	2006-09-06T20:02:45	2006-09-06T20:02:44			
[s] Observation end time (MET)	273983168.532537	273983167.50754			
Observation end date	2006-09-07T02:26:09	2006-09-07T02:26:07			
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	8.271999969244

A.2 Comments