

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55300 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 19 2012

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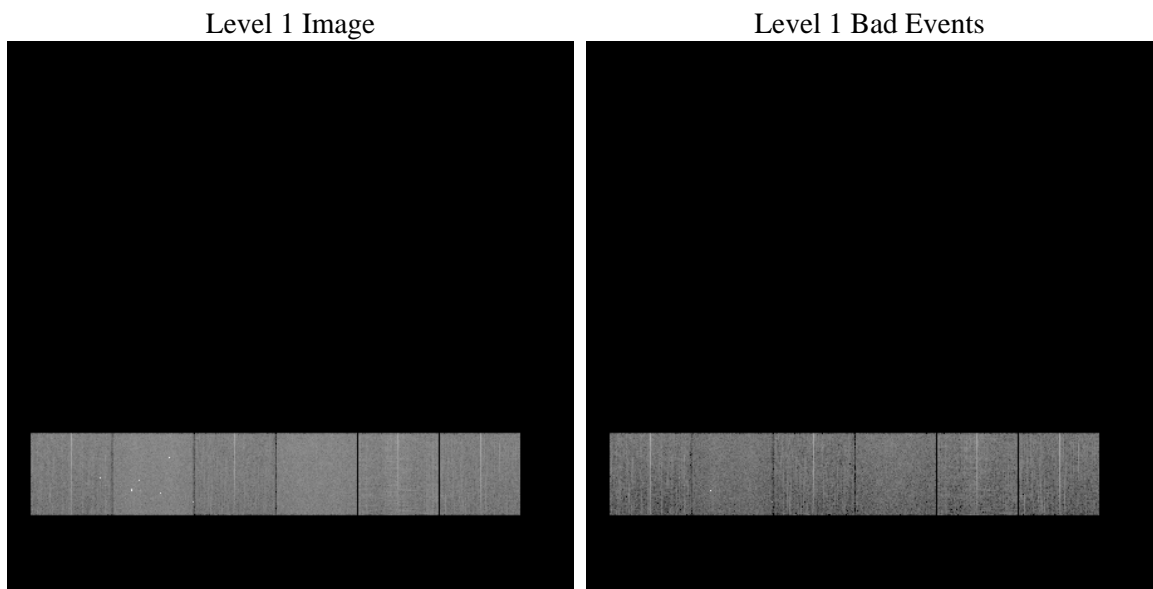
1 Front

seq_num	 	Sequence number
obs_id	55300	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	295.47342128856	Nominal RA [deg]
dec_nom	7.4881296977713	Nominal Dec [deg]
roll_nom	171.02841886682	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7510.3999720812	Sum of GTIs [s]
livetime	7415.2987654148	Livetime [s]
ontime4	7510.3999720812	Sum of GTIs [s]
ontime5	7510.3999720812	Sum of GTIs [s]
ontime6	7510.3999720812	Sum of GTIs [s]
ontime7	7510.3999720812	Sum of GTIs [s]
ontime8	7510.3999720812	Sum of GTIs [s]
ontime9	7510.3999720812	Sum of GTIs [s]
l2events	303550	Number of level 2 events

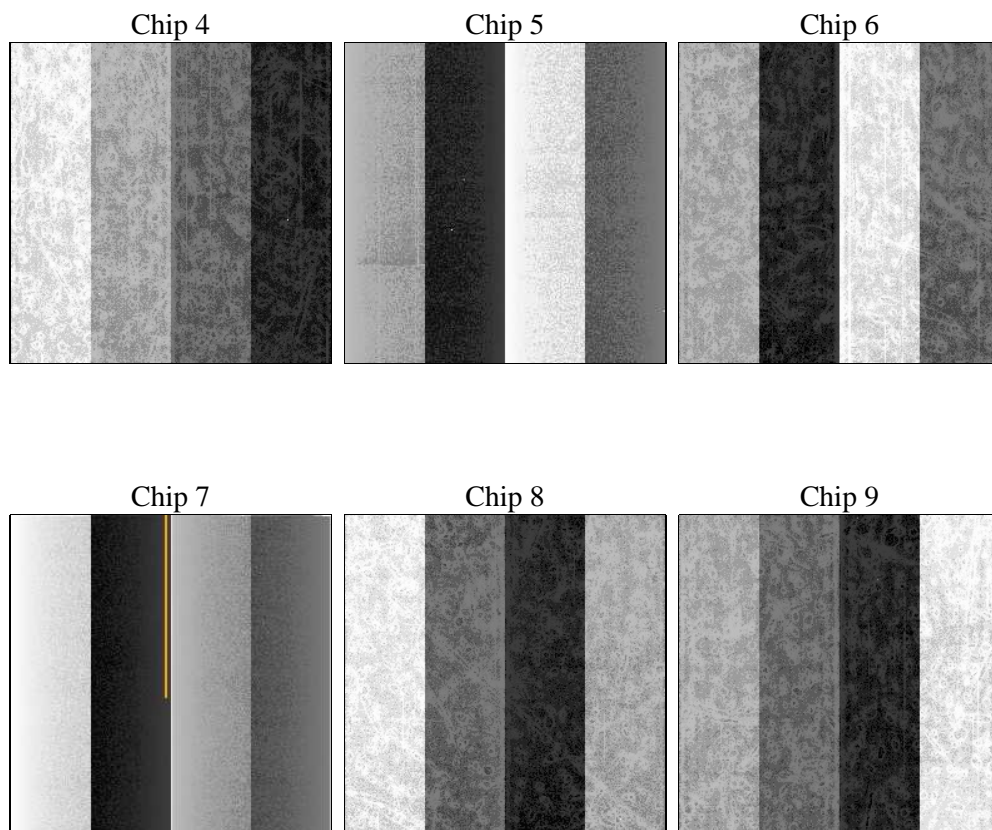
2 OBI

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	8.4.3	Processing system revision	ontime	7510.3999720812	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7510.3999720812	Sum of GTIs [s]
date	2012-03-19T13:50:47	Date and time of file creation	ontime5	7510.3999720812	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7510.3999720812	Sum of GTIs [s]
			ontime7	7510.3999720812	Sum of GTIs [s]
			ontime8	7510.3999720812	Sum of GTIs [s]
			ontime9	7510.3999720812	Sum of GTIs [s]
			l1events	655459	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	98902	129695	96744	119521	112898	97699	grade 0 events	26367	11305	22906	11529	27116	23533
rejected events	53703	54420	50802	50579	56110	52557		26%	8%	23%	9%	24%	24%
rejected %	54%	41%	52%	42%	49%	53%	grade 1 events	197	278	112	90	149	143
								0%	0%	0%	0%	0%	0%
							grade 2 events	6705	27293	8938	15315	10642	7887
								6%	21%	9%	12%	9%	8%
							grade 3 events	3100	2447	2889	5823	4173	3070
								3%	1%	2%	4%	3%	3%
							grade 4 events	3044	2319	2966	5780	4082	3027
								3%	1%	3%	4%	3%	3%
							grade 5 events	3135	6020	2908	7435	4087	3494
								3%	4%	3%	6%	3%	3%
							grade 6 events	5983	31911	8243	30527	10775	7646
								6%	24%	8%	25%	9%	7%
							grade 7 events	50371	48122	47782	43022	51874	48899
								50%	37%	49%	35%	45%	50%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	295.4734212885591	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.488129697771331	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	171.028418866818	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	426808606.547828	426808605.52288			
Observation start date	2011-07-11T21:56:47	2011-07-11T21:56:45			
[s] Observation end time (MET)	426818606.448353	426818605.42341			
Observation end date	2011-07-12T00:43:26	2011-07-12T00:43:25			
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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5103999720812

A.2 Comments