

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55396 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

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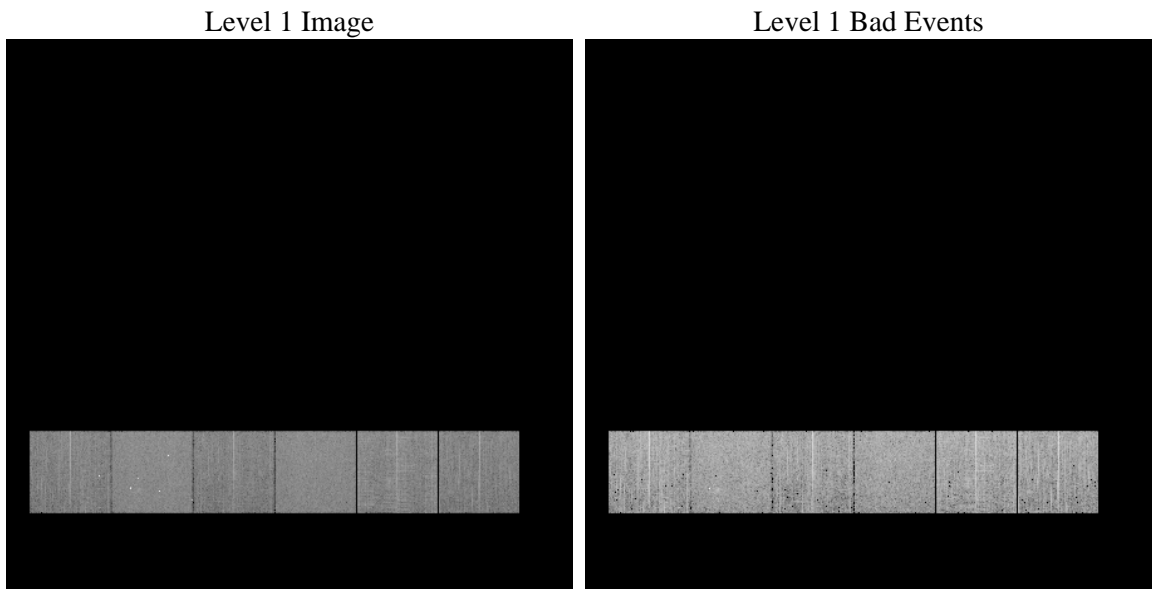
1 Front

seq_num	 	Sequence number
obs_id	55396	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	225.99029478948	Nominal RA [deg]
dec_nom	3.9729863334767	Nominal Dec [deg]
roll_nom	217.33708327359	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5746.3234888911	Sum of GTIs [s]
livetime	5673.5600808542	Livetime [s]
ontime4	5746.2978251576	Sum of GTIs [s]
ontime5	5746.3234888911	Sum of GTIs [s]
ontime6	5746.3234888911	Sum of GTIs [s]
ontime7	5746.3234888911	Sum of GTIs [s]
ontime8	5746.2567851543	Sum of GTIs [s]
ontime9	5746.3234888911	Sum of GTIs [s]
l2events	237860	Number of level 2 events

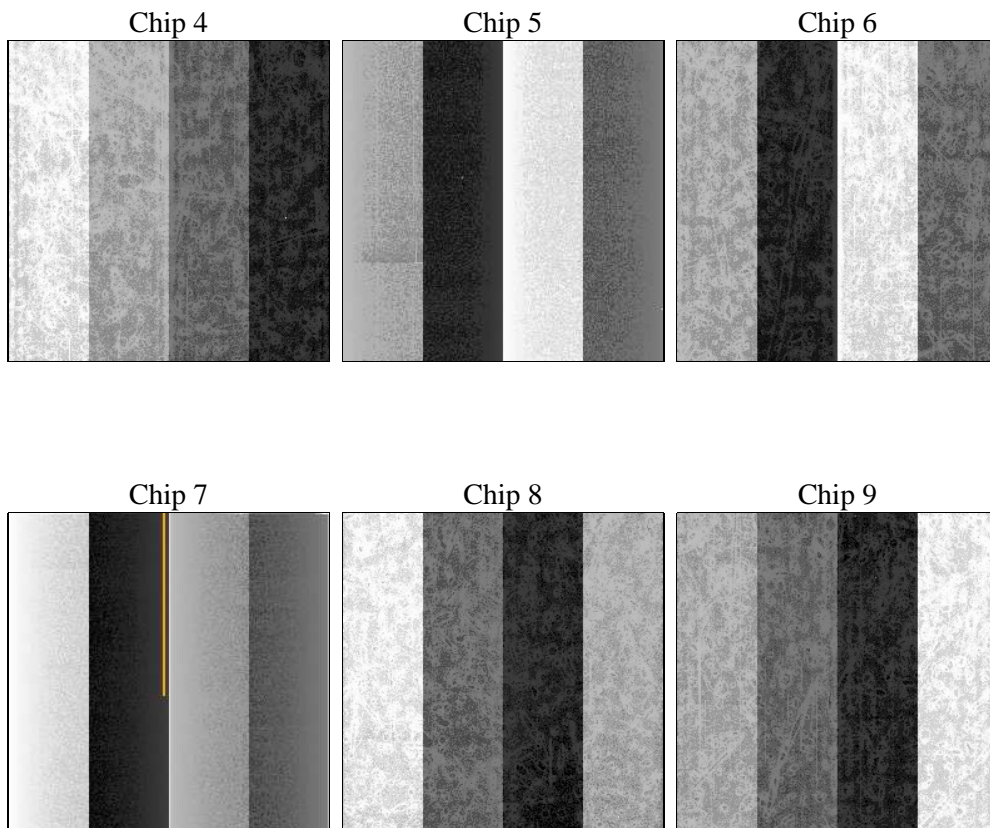
2 OBI

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	Processing system revision	ontime	5746.3234888911	Sum of GTIs [s]
caldbver	4.4.7	 	ontime4	5746.2978251576	Sum of GTIs [s]
date	2012-02-11T05:01:38	Date and time of file creation	ontime5	5746.3234888911	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5746.3234888911	Sum of GTIs [s]
			ontime7	5746.3234888911	Sum of GTIs [s]
			ontime8	5746.2567851543	Sum of GTIs [s]
			ontime9	5746.3234888911	Sum of GTIs [s]
			l1events	523489	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	79581	101996	75654	95910	93218	77130	grade 0 events	20365	9691	18702	9574	21222	18386
rejected events	44301	42306	39956	40410	48567	42437		25%	9%	24%	9%	22%	23%
rejected %	55%	41%	52%	42%	52%	55%	grade 1 events	161	145	109	86	106	114
								0%	0%	0%	0%	0%	0%
							grade 2 events	5542	20760	6384	12030	8540	6033
								6%	20%	8%	12%	9%	7%
							grade 3 events	2441	2372	2351	4934	3467	2368
								3%	2%	3%	5%	3%	3%
							grade 4 events	2383	2307	2307	4961	3403	2255
								2%	2%	3%	5%	3%	2%
							grade 5 events	2552	5491	2517	6464	3324	2885
								3%	5%	3%	6%	3%	3%
							grade 6 events	4549	24560	5954	24001	8019	5651
								5%	24%	7%	25%	8%	7%
							grade 7 events	41588	36670	37330	33860	45137	39438
								52%	35%	49%	35%	48%	51%

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	225.9902947894817	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	3.972986333476737	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	217.3370832735937	[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)	423120603.428141	423120602.40315			
Observation start date	2011-05-30T05:30:03	2011-05-30T05:30:02			
[s] Observation end time (MET)	423127866.578518	423127865.55353			
Observation end date	2011-05-30T07:31:07	2011-05-30T07:31:05			
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)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.7463234888911

A.2 Comments