

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56739 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 14 2012

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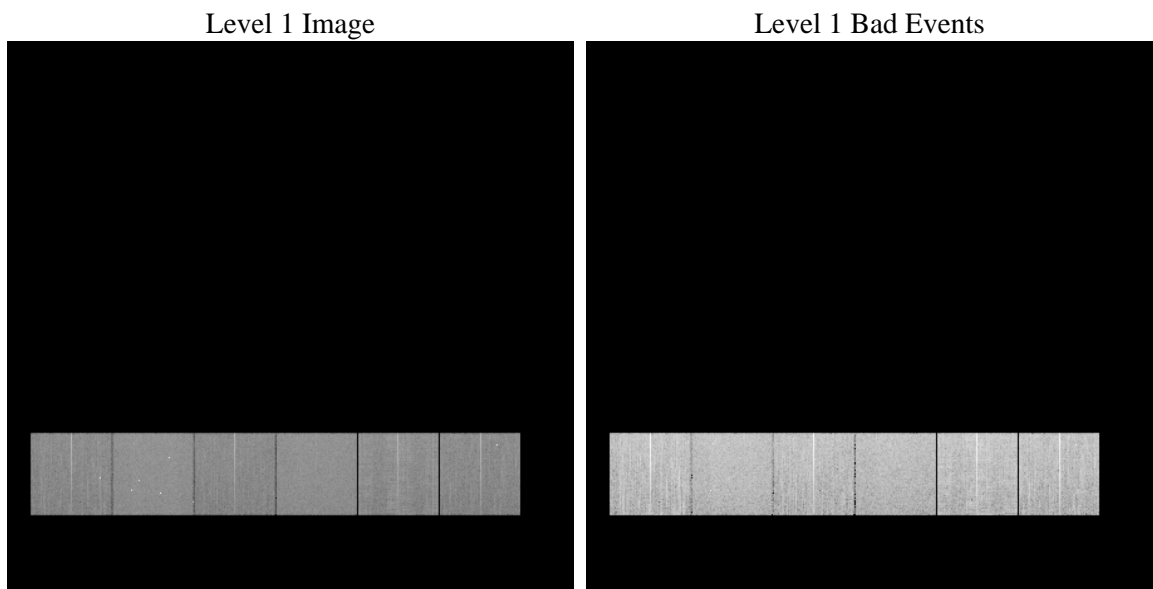
1 Front

seq_num	 	Sequence number
obs_id	56739	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	56.981118948352	Nominal RA [deg]
dec_nom	16.022267960889	Nominal Dec [deg]
roll_nom	96.248797321709	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7967.9999703765	Sum of GTIs [s]
livetime	7867.104356998	Livetime [s]
ontime4	7967.9999703765	Sum of GTIs [s]
ontime5	7967.9999703765	Sum of GTIs [s]
ontime6	7967.9999703765	Sum of GTIs [s]
ontime7	7967.9999703765	Sum of GTIs [s]
ontime8	7967.9999703765	Sum of GTIs [s]
ontime9	7967.9999703765	Sum of GTIs [s]
l2events	472486	Number of level 2 events

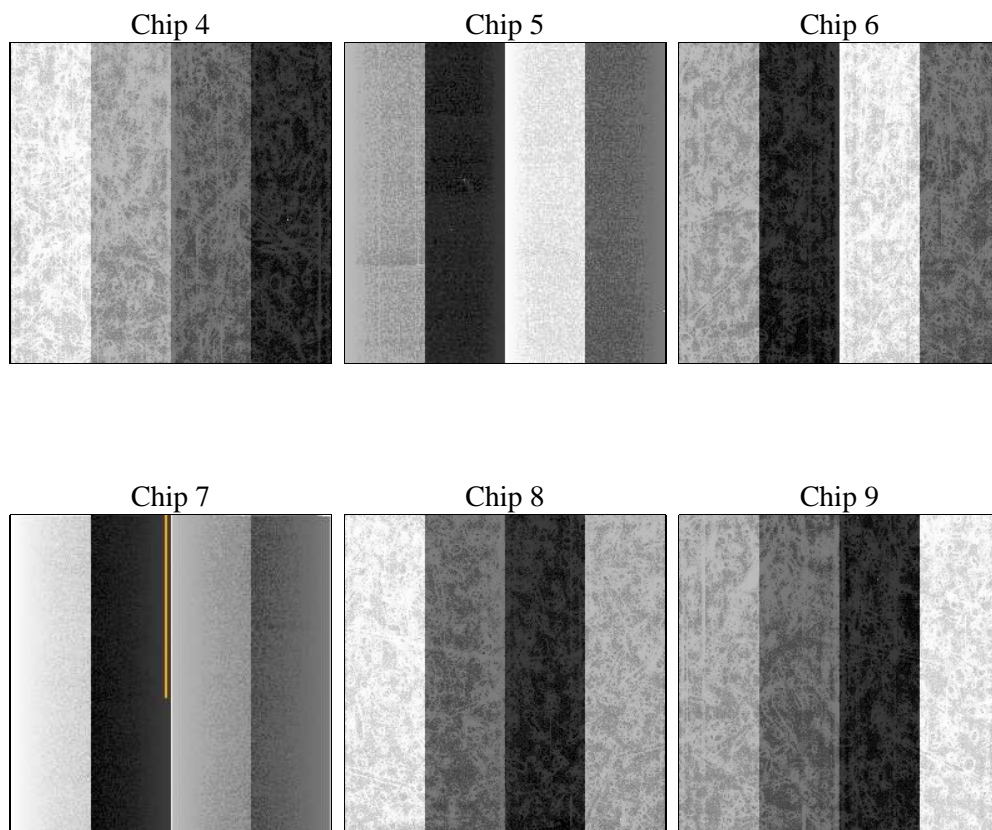
2 OBI

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	7967.9999703765	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	7967.9999703765	Sum of GTIs [s]
date	2012-06-15T01:14:38	Date and time of file creation	ontime5	7967.9999703765	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7967.9999703765	Sum of GTIs [s]
			ontime7	7967.9999703765	Sum of GTIs [s]
			ontime8	7967.9999703765	Sum of GTIs [s]
			ontime9	7967.9999703765	Sum of GTIs [s]
			l1events	999494	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	154462	188677	149277	178735	175633	152710	grade 0 events	39812	18254	37599	19243	42264	39272
rejected events	84905	75226	77120	70793	88275	80367		25%	9%	25%	10%	24%	25%
rejected %	54%	39%	51%	39%	50%	52%	grade 1 events	417	235	301	156	316	339
								0%	0%	0%	0%	0%	0%
							grade 2 events	11084	39678	13069	23145	16642	12483
								7%	21%	8%	12%	9%	8%
							grade 3 events	4769	5044	4619	9942	6395	4790
								3%	2%	3%	5%	3%	3%
							grade 4 events	4883	4705	4723	9775	6269	4709
								3%	2%	3%	5%	3%	3%
							grade 5 events	4318	10000	4424	11455	5859	5044
								2%	5%	2%	6%	3%	3%
							grade 6 events	9009	45770	12147	45837	15788	11089
								5%	24%	8%	25%	8%	7%
							grade 7 events	80170	64991	72395	59182	82100	74984
								51%	34%	48%	33%	46%	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	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	56.98111894835226	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	16.02226796088892	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	96.24879732170918	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	372436283.983666	372436282.95867			
Observation start date	2009-10-20T14:31:24	2009-10-20T14:31:22			
[s] Observation end time (MET)	372445984.584154	372445983.55916			
Observation end date	2009-10-20T17:13:05	2009-10-20T17:13:03			
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)	2012.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9679999703765

A.2 Comments