

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57146 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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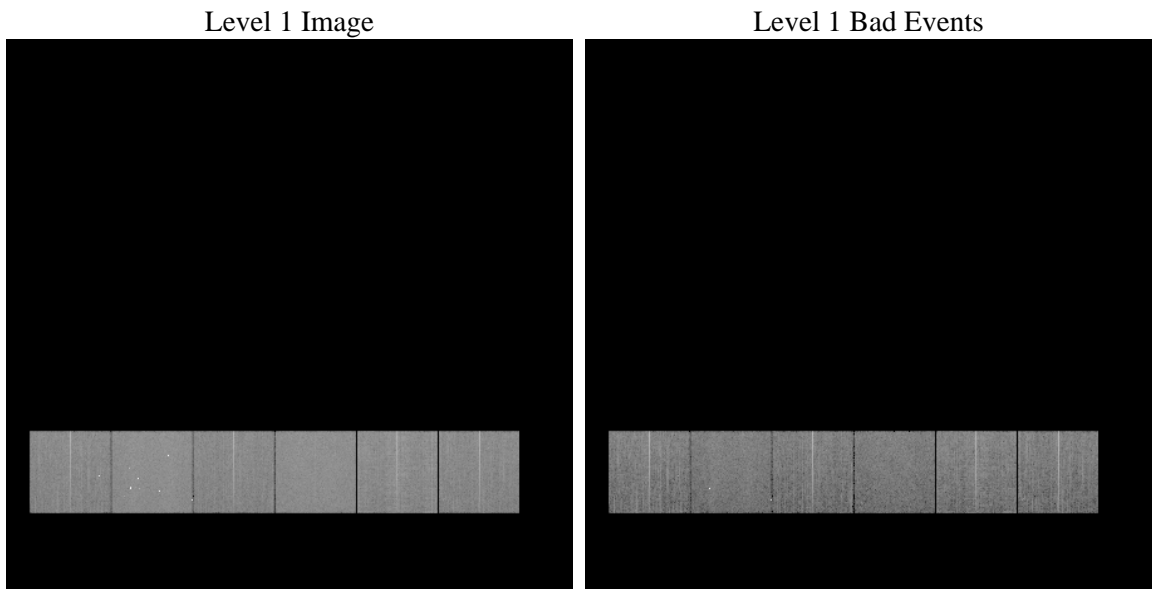
1 Front

seq_num	 	Sequence number
obs_id	57146	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	203.98191980187	Nominal RA [deg]
dec_nom	11.97810020057	Nominal Dec [deg]
roll_nom	196.78826602539	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8447.9999685884	Sum of GTIs [s]
livetime	8341.0263062112	Livetime [s]
ontime4	8447.9999685884	Sum of GTIs [s]
ontime5	8447.9999685884	Sum of GTIs [s]
ontime6	8447.9999685884	Sum of GTIs [s]
ontime7	8447.9999685884	Sum of GTIs [s]
ontime8	8447.9999685884	Sum of GTIs [s]
ontime9	8447.9999685884	Sum of GTIs [s]
l2events	541425	Number of level 2 events

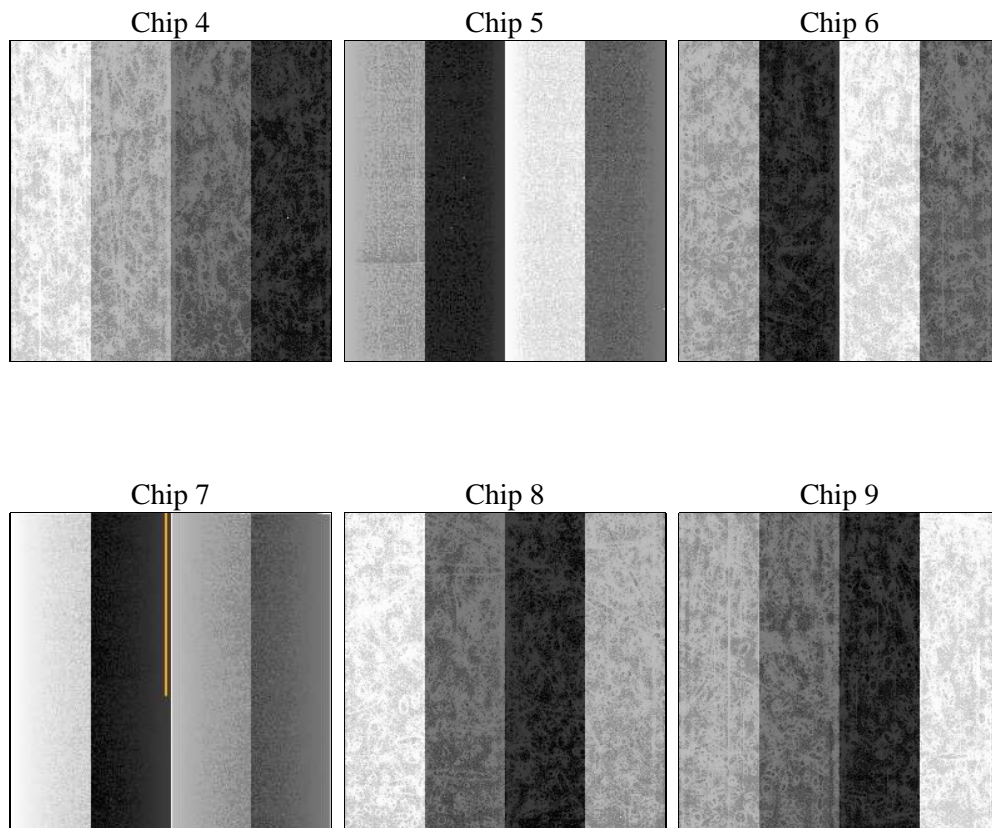
2 OBI

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	8.4.4	Processing system revision	ontime	8447.9999685884	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8447.9999685884	Sum of GTIs [s]
date	2012-06-04T22:26:59	Date and time of file creation	ontime5	8447.9999685884	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8447.9999685884	Sum of GTIs [s]
			ontime7	8447.9999685884	Sum of GTIs [s]
			ontime8	8447.9999685884	Sum of GTIs [s]
			ontime9	8447.9999685884	Sum of GTIs [s]
			l1events	1101948	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	170350	212671	165928	195290	191043	166666	grade 0 events	47293	22601	44202	22048	48566	43779
rejected events	88590	82055	81351	73930	92322	84539		27%	10%	26%	11%	25%	26%
rejected %	52%	38%	49%	37%	48%	50%	grade 1 events	498	359	317	174	390	377
								0%	0%	0%	0%	0%	0%
							grade 2 events	12689	46579	15339	26421	18680	14225
								7%	21%	9%	13%	9%	8%
							grade 3 events	5548	5183	5526	11060	7203	5705
								3%	2%	3%	5%	3%	3%
							grade 4 events	5673	5017	5482	11087	7018	5384
								3%	2%	3%	5%	3%	3%
							grade 5 events	4430	11500	4552	11558	6000	5203
								2%	5%	2%	5%	3%	3%
							grade 6 events	10557	51236	14028	50744	17254	13034
								6%	24%	8%	25%	9%	7%
							grade 7 events	83662	70196	76482	62198	85932	78959
								49%	33%	46%	31%	44%	47%

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	203.9819198018738	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	11.97810020057018	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	196.7882660253857	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	356898810.456213	356898809.43121			
Observation start date	2009-04-23T18:33:30	2009-04-23T18:33:29			
[s] Observation end time (MET)	356910087.506774	356910086.48178			
Observation end date	2009-04-23T21:41:28	2009-04-23T21:41:26			
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)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4479999685884

A.2 Comments