

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56873 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 12 2012

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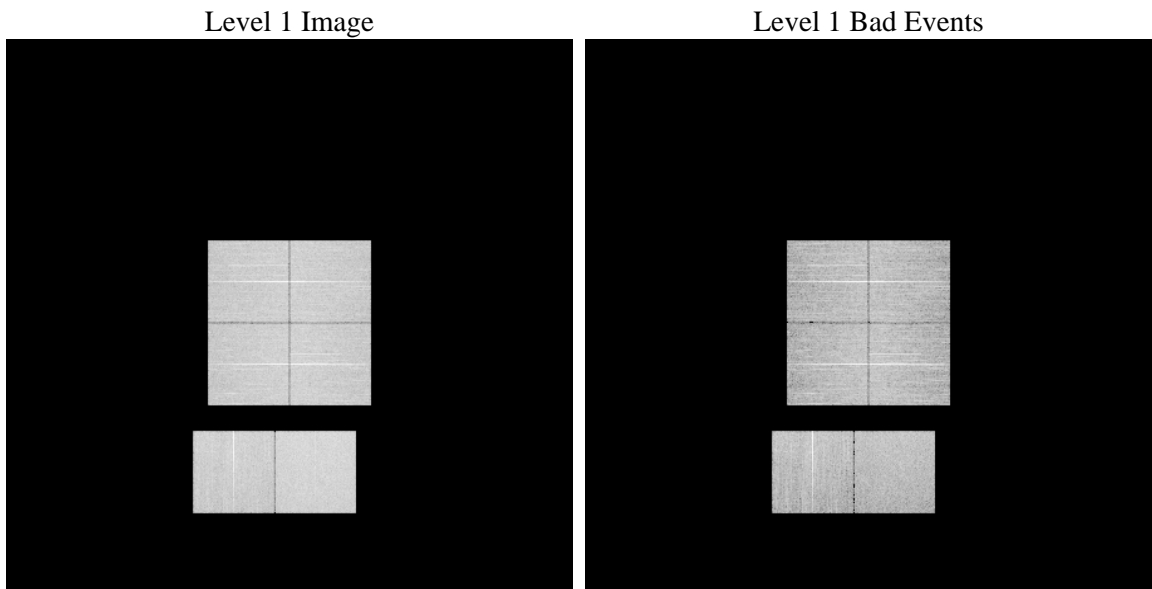
1 Front

seq_num	 	Sequence number
obs_id	56873	Observation id
title	ACIS-012367 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	9.9706967147162	Nominal RA [deg]
dec_nom	22.009259164495	Nominal Dec [deg]
roll_nom	128.37679255672	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8409.1423421502	Sum of GTIs [s]
livetime	8302.6607184363	Livetime [s]
ontime0	8409.1013021469	Sum of GTIs [s]
ontime1	8409.0602621436	Sum of GTIs [s]
ontime2	8409.0192221403	Sum of GTIs [s]
ontime3	8409.1833821535	Sum of GTIs [s]
ontime6	8408.978182137	Sum of GTIs [s]
ontime7	8409.1423421502	Sum of GTIs [s]
l2events	465614	Number of level 2 events

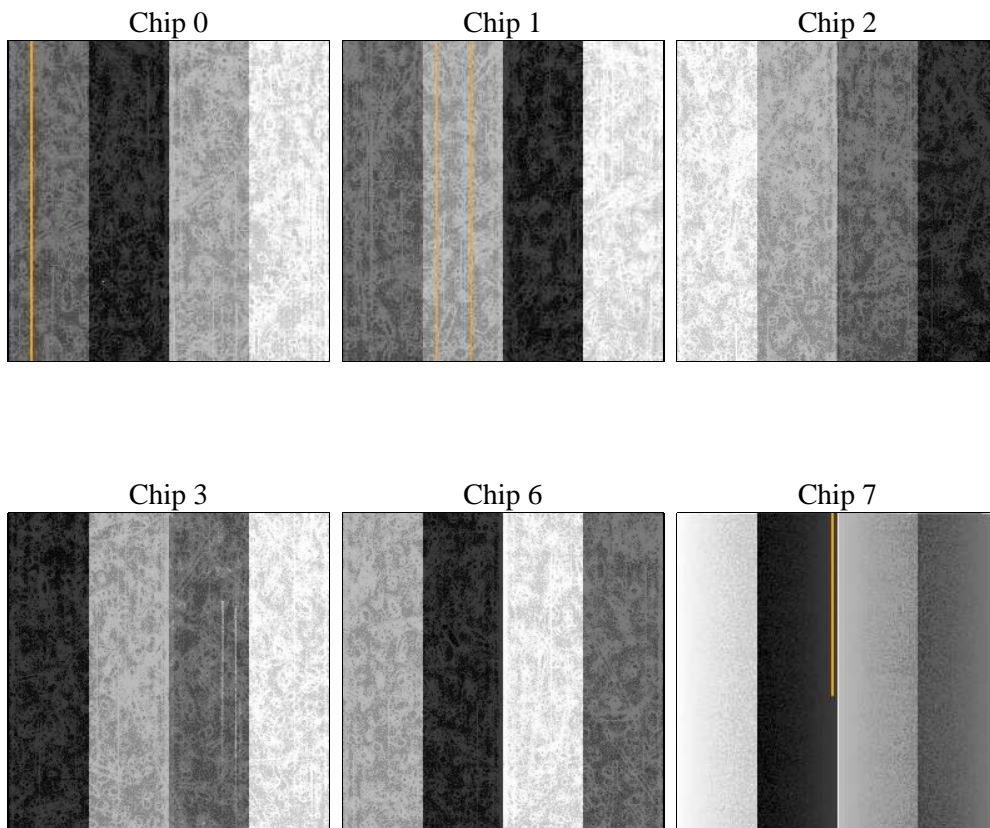
2 OBI

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	8409.1423421502	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8409.1013021469	Sum of GTIs [s]
date	2012-06-12T04:42:15	Date and time of file creation	ontime1	8409.0602621436	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8409.0192221403	Sum of GTIs [s]
			ontime3	8409.1833821535	Sum of GTIs [s]
			ontime6	8408.978182137	Sum of GTIs [s]
			ontime7	8409.1423421502	Sum of GTIs [s]
			l1events	959815	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	151262	151981	153128	158336	157013	188095	grade 0 events	40247	39186	40881	41581	40181	20583
rejected events	76215	76306	78350	82719	79823	73672		26%	25%	26%	26%	25%	10%
rejected %	50%	50%	51%	52%	50%	39%	grade 1 events	303	272	352	319	262	156
								0%	0%	0%	0%	0%	0%
							grade 2 events	13696	14711	12867	13110	14126	25371
								9%	9%	8%	8%	8%	13%
							grade 3 events	5019	5043	5124	5267	5053	10365
								3%	3%	3%	3%	3%	5%
							grade 4 events	5055	4988	5253	5157	4951	10144
								3%	3%	3%	3%	3%	5%
							grade 5 events	4071	4184	3873	4573	4469	11328
								2%	2%	2%	2%	2%	6%
							grade 6 events	11391	12128	11026	10824	13284	48470
								7%	7%	7%	6%	8%	25%
							grade 7 events	71480	71469	73752	77505	74687	61678
								47%	47%	48%	48%	47%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	9.970696714716171	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	22.0092591644945	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	128.3767925567224	[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)	367408744.831181	367408743.80618			
Observation start date	2009-08-23T09:59:05	2009-08-23T09:59:03			
[s] Observation end time (MET)	367418925.131691	367418924.10669			
Observation end date	2009-08-23T12:48:45	2009-08-23T12:48:44			
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4091423421502

A.2 Comments