

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56892 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

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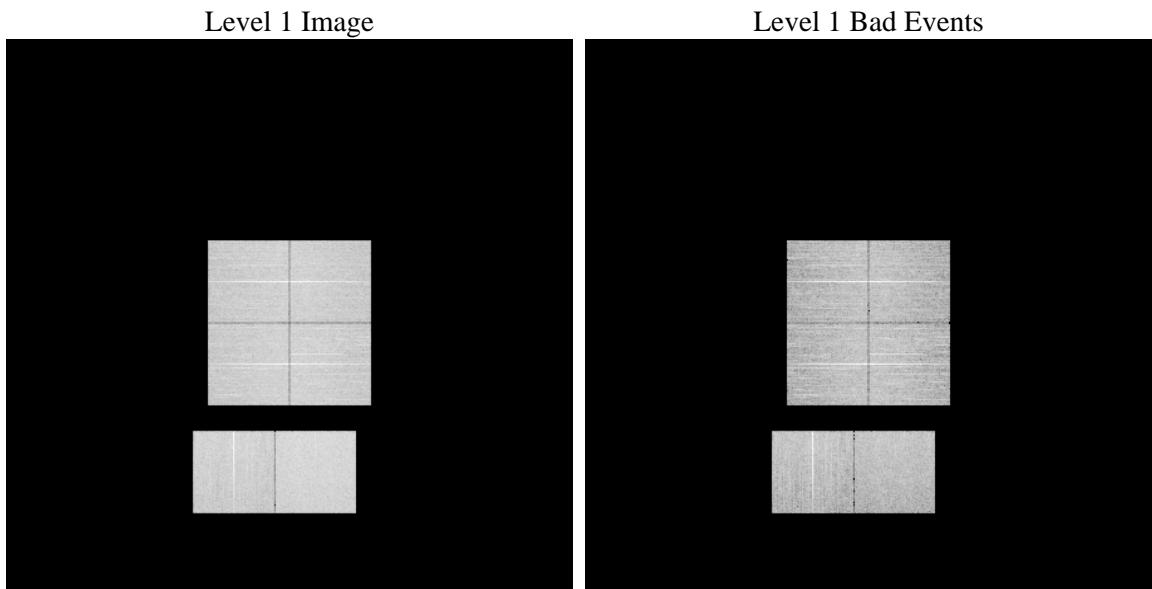
1 Front

seq_num	 	Sequence number
obs_id	56892	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	330.04195626067	Nominal RA [deg]
dec_nom	-59.980369271116	Nominal Dec [deg]
roll_nom	10.228564711655	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8450.6259846687	Sum of GTIs [s]
livetime	8343.6190700948	Livetime [s]
ontime0	8450.5849446654	Sum of GTIs [s]
ontime1	8450.5439046621	Sum of GTIs [s]
ontime2	8450.5028646588	Sum of GTIs [s]
ontime3	8450.667024672	Sum of GTIs [s]
ontime6	8450.4618246555	Sum of GTIs [s]
ontime7	8450.6259846687	Sum of GTIs [s]
l2events	477180	Number of level 2 events

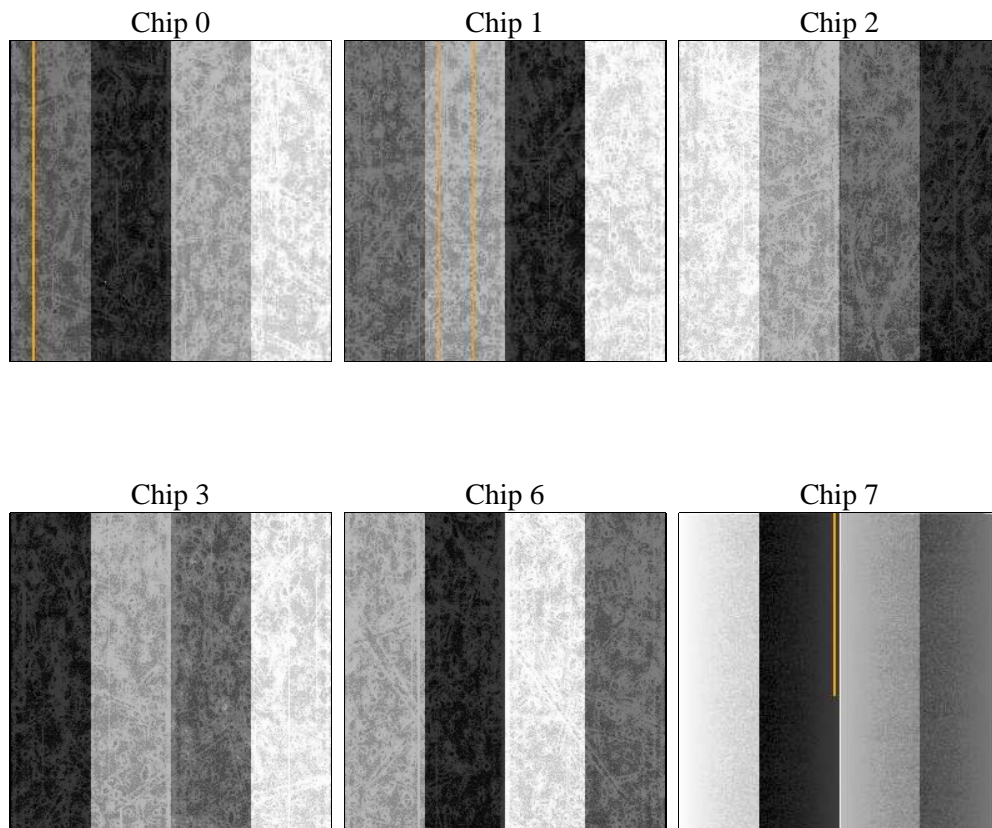
2 OBI

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	8450.6259846687	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8450.5849446654	Sum of GTIs [s]
date	2012-06-11T18:33:21	Date and time of file creation	ontime1	8450.5439046621	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8450.5028646588	Sum of GTIs [s]
			ontime3	8450.667024672	Sum of GTIs [s]
			ontime6	8450.4618246555	Sum of GTIs [s]
			ontime7	8450.6259846687	Sum of GTIs [s]
			l1events	969561	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	151933	150574	155140	160068	161668	190178	grade 0 events	40527	40511	41603	41774	41835	21391
rejected events	75406	72998	78376	82855	81432	73577		26%	26%	26%	26%	25%	11%
rejected %	49%	48%	50%	51%	50%	38%	grade 1 events	303	279	350	345	255	183
								0%	0%	0%	0%	0%	0%
							grade 2 events	14038	14590	13243	13615	14534	25293
								9%	9%	8%	8%	8%	13%
							grade 3 events	5295	5182	5142	5441	5172	10785
								3%	3%	3%	3%	3%	5%
							grade 4 events	5044	5214	5398	5247	5237	10675
								3%	3%	3%	3%	3%	5%
							grade 5 events	4162	4398	3984	4612	4642	11997
								2%	2%	2%	2%	2%	6%
							grade 6 events	11650	12106	11403	11164	13488	48500
								7%	8%	7%	6%	8%	25%
							grade 7 events	70914	68294	74017	77870	76505	61354
								46%	45%	47%	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	330.0419562606743	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-59.9803692711158	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	10.22856471165462	[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)	366497124.135509	366497123.11052			
Observation start date	2009-08-12T20:45:24	2009-08-12T20:45:23			
[s] Observation end time (MET)	366507304.436019	366507303.41103			
Observation end date	2009-08-12T23:35:04	2009-08-12T23:35:03			
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4506259846687

A.2 Comments