

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57538 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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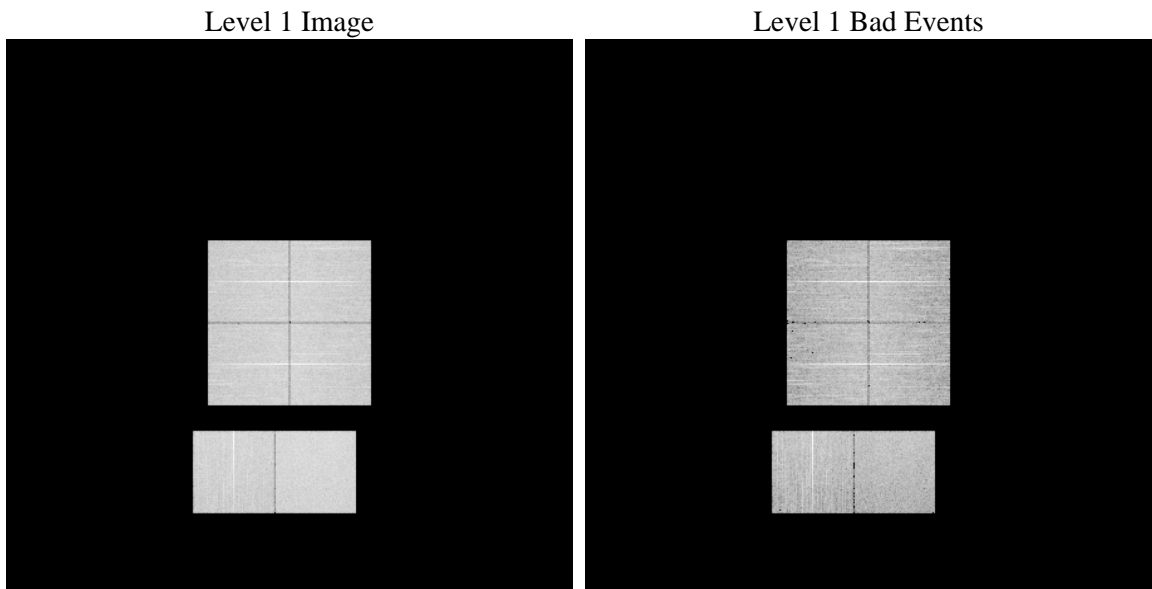
1 Front

seq_num	 	Sequence number
obs_id	57538	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	262.02683975354	Nominal RA [deg]
dec_nom	14.981862401832	Nominal Dec [deg]
roll_nom	297.52619987145	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime0	7791.9999710321	Sum of GTIs [s]
ontime1	7791.9999710321	Sum of GTIs [s]
ontime2	7791.9999710321	Sum of GTIs [s]
ontime3	7788.7589808106	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
l2events	520711	Number of level 2 events

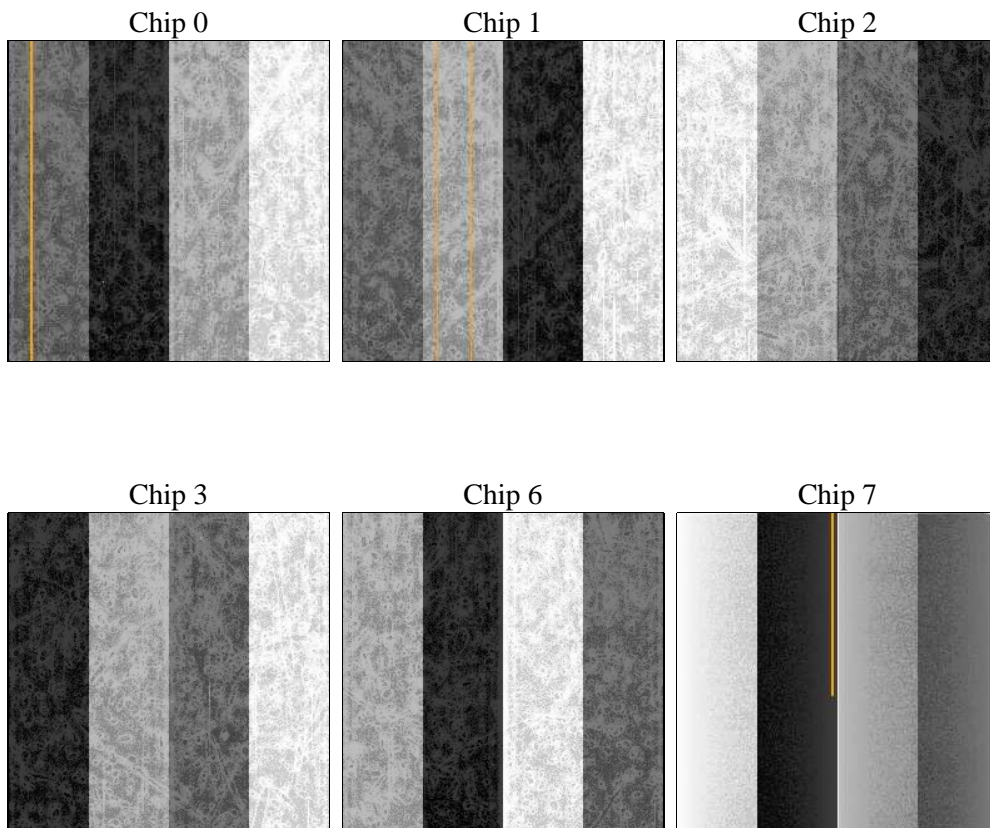
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.9999710321	Sum of GTIs [s]
date	2012-05-25T06:34:36	Date and time of file creation	ontime1	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.9999710321	Sum of GTIs [s]
			ontime3	7788.7589808106	Sum of GTIs [s]
			ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			l1events	959607	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	150513	151903	154510	155992	162173	184516	grade 0 events	45395	44995	46690	47089	46697	23574
rejected events	65421	66688	69084	70536	73588	64186		30%	29%	30%	30%	28%	12%
rejected %	43%	43%	44%	45%	45%	34%	grade 1 events	349	319	370	360	302	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	15394	15829	14869	14777	15734	26267
								10%	10%	9%	9%	9%	14%
							grade 3 events	5650	5685	5829	5605	5739	11336
								3%	3%	3%	3%	3%	6%
							grade 4 events	5737	5547	5842	5801	5745	11050
								3%	3%	3%	3%	3%	5%
							grade 5 events	3745	4056	3651	4195	4165	10717
								2%	2%	2%	2%	2%	5%
							grade 6 events	12952	13159	12196	12221	14670	48161
								8%	8%	7%	7%	9%	26%
							grade 7 events	61291	62313	65063	65944	69121	53244
								40%	41%	42%	42%	42%	28%

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	262.0268397535427	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	14.98186240183215	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	297.5261998714541	[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)	341546704.095704	341546703.07069			
Observation start date	2008-10-28T02:05:04	2008-10-28T02:05:03			
[s] Observation end time (MET)	341560402.196381	341560401.17137			
Observation end date	2008-10-28T05:53:22	2008-10-28T05:53:21			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments