

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57685 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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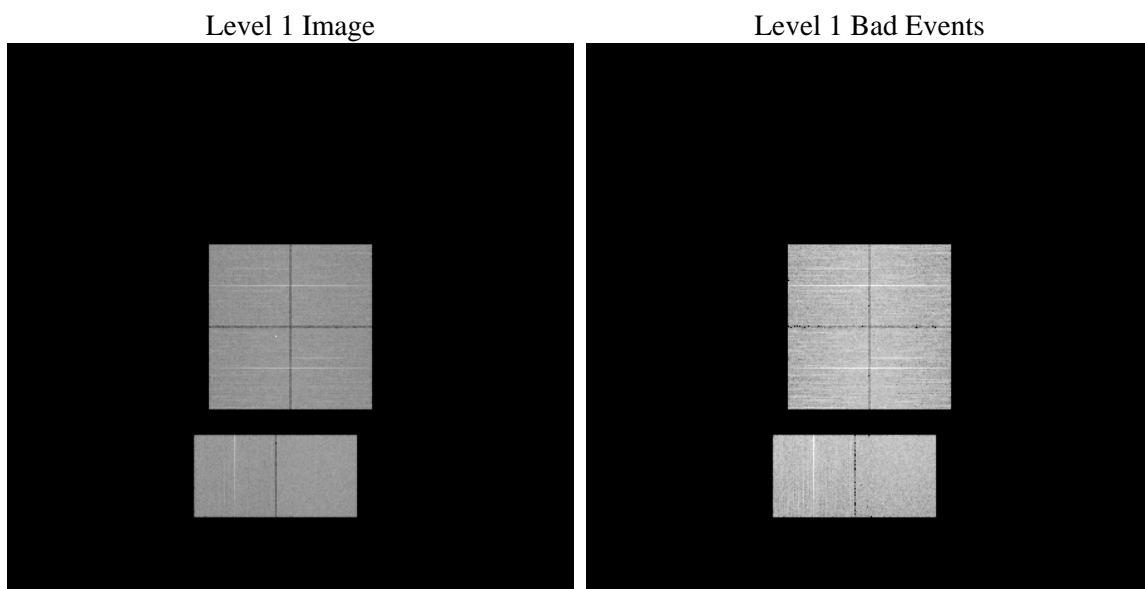
1 Front

seq_num	 	Sequence number
obs_id	57685	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	322.98921812366	Nominal RA [deg]
dec_nom	-31.973665539839	Nominal Dec [deg]
roll_nom	71.137806574449	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.3088391423	Sum of GTIs [s]
livetime	8166.5725462369	Livetime [s]
ontime0	8271.267799139	Sum of GTIs [s]
ontime1	8271.2267591357	Sum of GTIs [s]
ontime2	8271.1857191324	Sum of GTIs [s]
ontime3	8271.3498791456	Sum of GTIs [s]
ontime6	8271.1446791291	Sum of GTIs [s]
ontime7	8271.3088391423	Sum of GTIs [s]
l2events	571706	Number of level 2 events

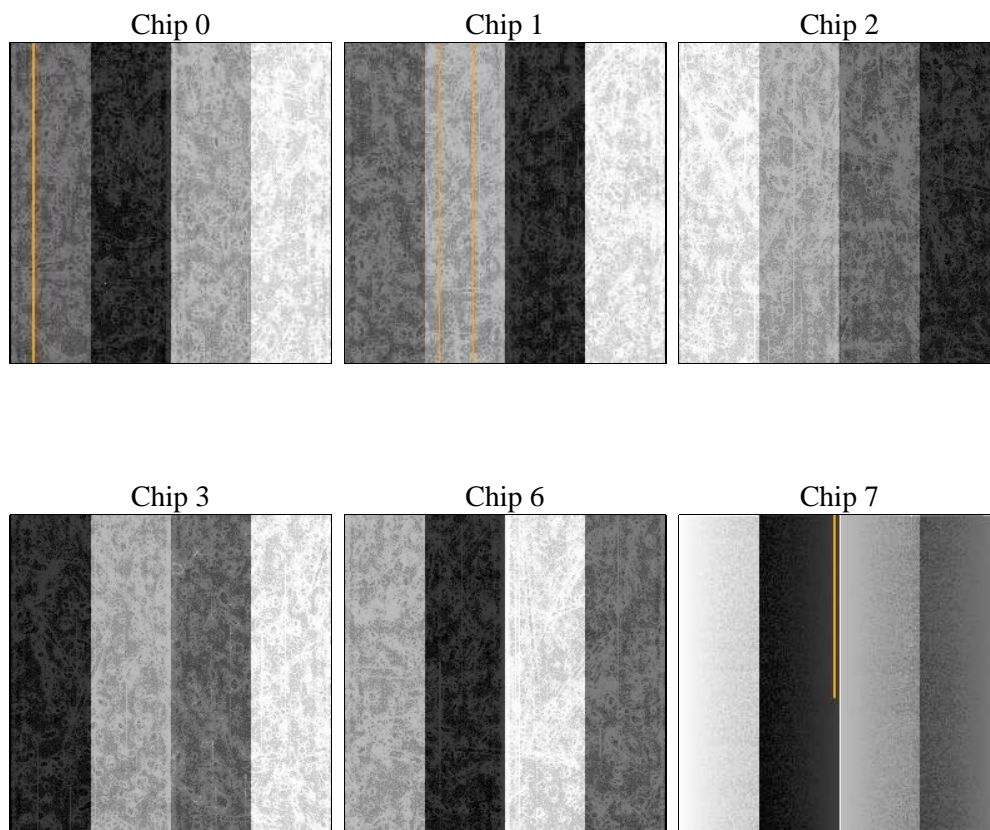
2 OBI

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	8271.3088391423	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8271.267799139	Sum of GTIs [s]
date	2012-05-18T06:50:35	Date and time of file creation	ontime1	8271.2267591357	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.1857191324	Sum of GTIs [s]
			ontime3	8271.3498791456	Sum of GTIs [s]
			ontime6	8271.1446791291	Sum of GTIs [s]
			ontime7	8271.3088391423	Sum of GTIs [s]
			l1events	1034494	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	164498	164394	171097	169706	171777	193022	grade 0 events	50697	49964	53606	52249	51231	24837
rejected events	70311	69600	75562	74723	73794	65295		30%	30%	31%	30%	29%	12%
rejected %	42%	42%	44%	44%	42%	33%	grade 1 events	338	305	400	377	336	153
								0%	0%	0%	0%	0%	0%
							grade 2 events	16833	17838	15650	16466	17664	27991
								10%	10%	9%	9%	10%	14%
							grade 3 events	6285	6150	6226	6420	6325	11795
								3%	3%	3%	3%	3%	6%
							grade 4 events	6147	6165	6326	6363	6319	11525
								3%	3%	3%	3%	3%	5%
							grade 5 events	3841	3887	3658	4267	4124	10378
								2%	2%	2%	2%	2%	5%
							grade 6 events	14256	14712	13763	13513	16479	51628
								8%	8%	8%	7%	9%	26%
							grade 7 events	66101	65373	71468	70051	69299	54715
								40%	39%	41%	41%	40%	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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	322.9892181236632	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-31.97366553983882	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	71.13780657444931			
[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)	332682471.600361	332682470.57535			
Observation start date	2008-07-17T11:47:52	2008-07-17T11:47:50			
[s] Observation end time (MET)	332694166.850934	332694165.82592			
Observation end date	2008-07-17T15:02:47	2008-07-17T15:02:45			
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)	2012.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2713088391423

A.2 Comments