

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57630 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 20 2012

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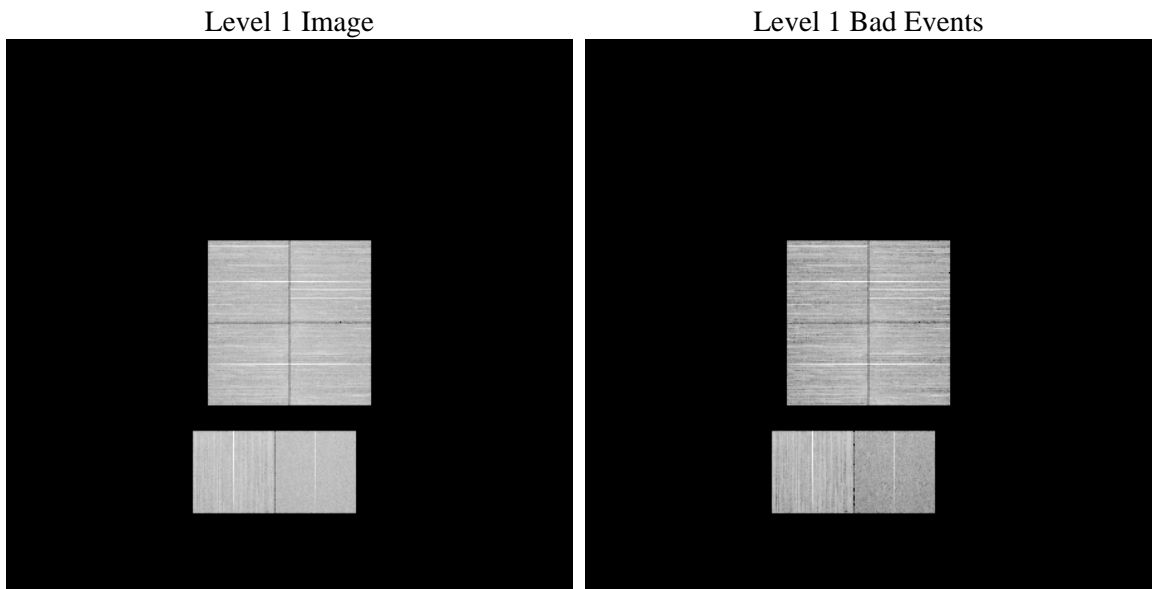
1 Front

seq_num	 	Sequence number
obs_id	57630	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	350.4720985586	Nominal RA [deg]
dec_nom	-38.056288141939	Nominal Dec [deg]
roll_nom	21.601889831785	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.6434226632	Sum of GTIs [s]
livetime	7695.9429542747	Livetime [s]
ontime0	6867.7191808224	Sum of GTIs [s]
ontime1	7136.7216081619	Sum of GTIs [s]
ontime2	6582.488841176	Sum of GTIs [s]
ontime3	6754.2843714952	Sum of GTIs [s]
ontime6	7068.6608195901	Sum of GTIs [s]
ontime7	7794.6434226632	Sum of GTIs [s]
l2events	489306	Number of level 2 events

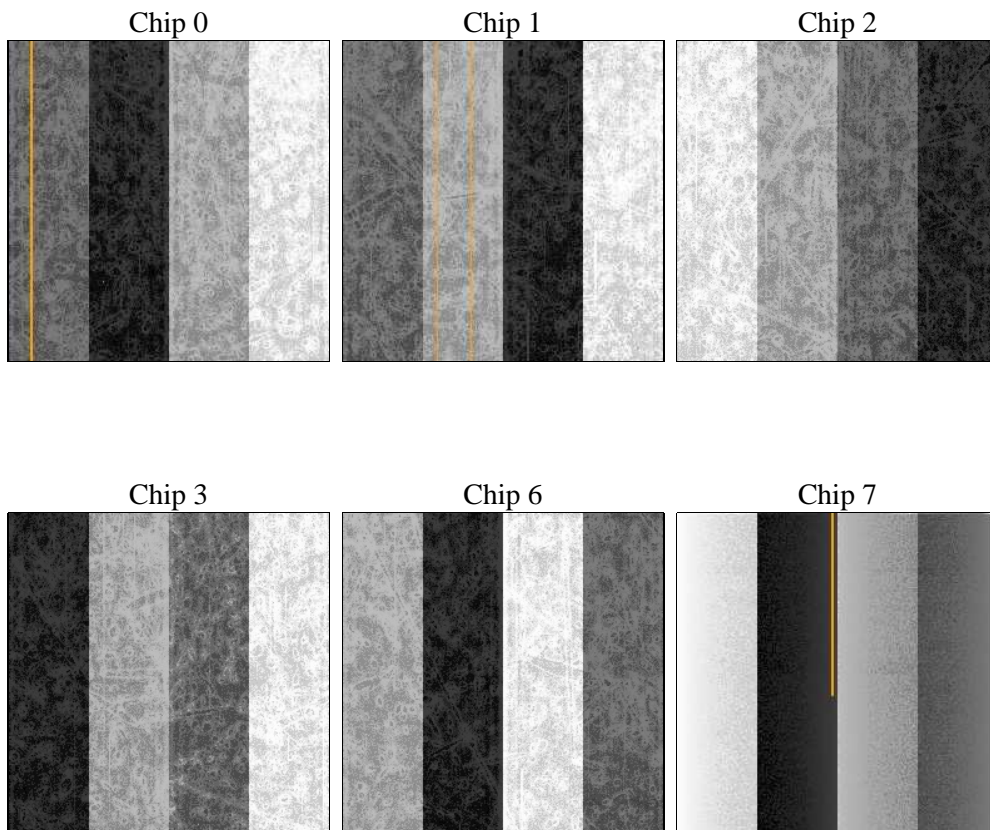
2 OBI

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	7794.6434226632	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	6867.7191808224	Sum of GTIs [s]
date	2012-05-20T02:00:12	Date and time of file creation	ontime1	7136.7216081619	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6582.488841176	Sum of GTIs [s]
			ontime3	6754.2843714952	Sum of GTIs [s]
			ontime6	7068.6608195901	Sum of GTIs [s]
			ontime7	7794.6434226632	Sum of GTIs [s]
			l1events	1402103	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	225035	242588	228942	237972	252738	214828	grade 0 events	41163	42408	40192	41292	43333	23640
rejected events	148287	162595	154966	161848	169785	88864		18%	17%	17%	17%	17%	11%
rejected %	65%	67%	67%	68%	67%	41%	grade 1 events	275	242	296	340	233	130
								0%	0%	0%	0%	0%	0%
							grade 2 events	14111	15006	13383	13665	15466	30612
								6%	6%	5%	5%	6%	14%
							grade 3 events	5054	5240	4892	5137	5184	11680
								2%	2%	2%	2%	2%	5%
							grade 4 events	5058	5306	4917	5084	5319	11310
								2%	2%	2%	2%	2%	5%
							grade 5 events	3357	3669	3122	3679	3786	10695
								1%	1%	1%	1%	1%	4%
							grade 6 events	11362	12033	10592	10946	13651	48722
								5%	4%	4%	4%	5%	22%
							grade 7 events	144655	158684	151548	157829	165766	78039
								64%	65%	66%	66%	65%	36%

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	350.4720985585989	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-38.05628814193891	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	21.60188983178541	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	336520335.498288	336520334.4733			
Observation start date	2008-08-30T21:52:15	2008-08-30T21:52:14			
[s] Observation end time (MET)	336555839.450031	336555838.42504			
Observation end date	2008-08-31T07:43:59	2008-08-31T07:43:58			
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)	2012.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7946434226632

A.2 Comments