

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57679 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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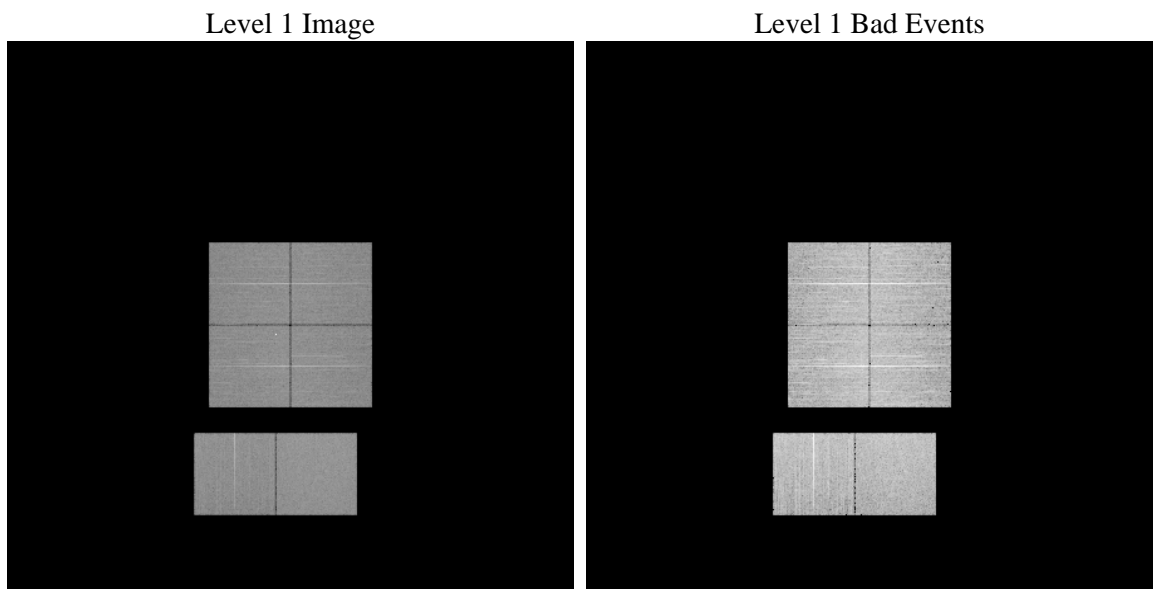
1 Front

seq_num	 	Sequence number
obs_id	57679	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	306.03266564412	Nominal RA [deg]
dec_nom	-43.977530087951	Nominal Dec [deg]
roll_nom	8.3779519947908	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8270.838531673	Sum of GTIs [s]
livetime	8166.1081940838	Livetime [s]
ontime0	8270.7974916697	Sum of GTIs [s]
ontime1	8270.7564516664	Sum of GTIs [s]
ontime2	8270.7154116631	Sum of GTIs [s]
ontime3	8270.8795716763	Sum of GTIs [s]
ontime6	8270.6743716598	Sum of GTIs [s]
ontime7	8270.838531673	Sum of GTIs [s]
l2events	565542	Number of level 2 events

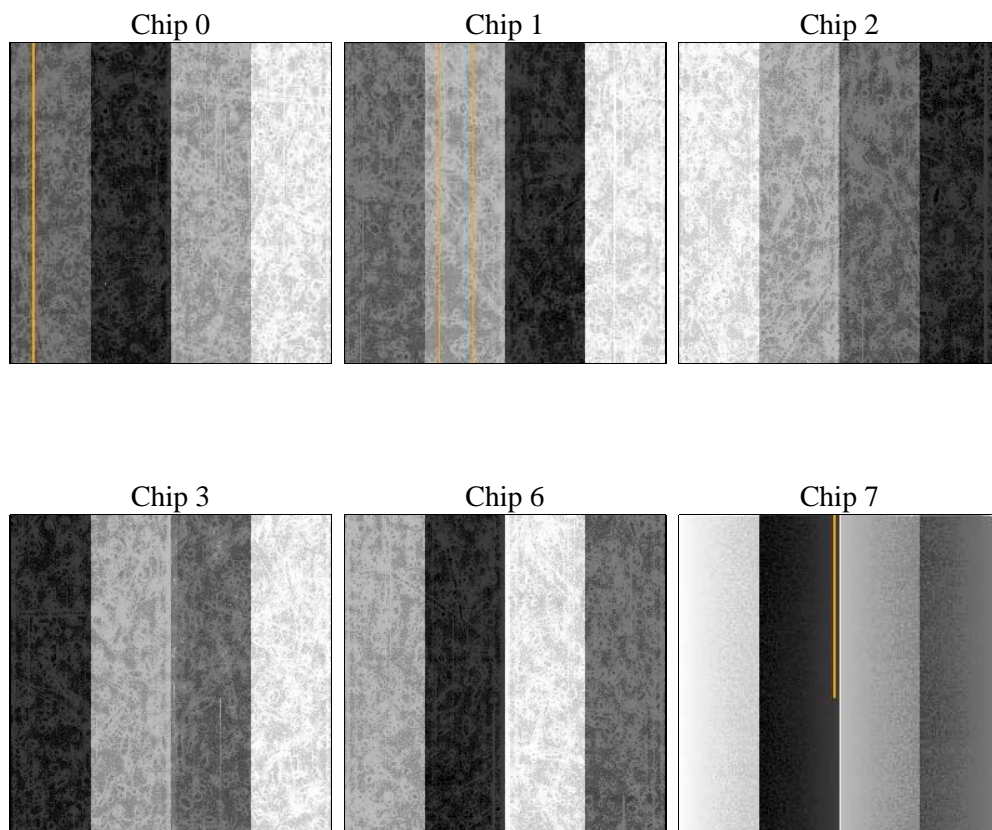
2 OBI

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	8270.838531673	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8270.7974916697	Sum of GTIs [s]
date	2012-05-18T14:34:44	Date and time of file creation	ontime1	8270.7564516664	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8270.7154116631	Sum of GTIs [s]
			ontime3	8270.8795716763	Sum of GTIs [s]
			ontime6	8270.6743716598	Sum of GTIs [s]
			ontime7	8270.838531673	Sum of GTIs [s]
			l1events	1017302	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	161564	159975	169172	164686	168958	192947	grade 0 events	50318	49188	53640	52093	50538	24902
rejected events	68327	66973	73872	70614	72625	65985		31%	30%	31%	31%	29%	12%
rejected %	42%	41%	43%	42%	42%	34%	grade 1 events	366	303	441	366	312	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	16682	17412	15764	15865	17226	27815
								10%	10%	9%	9%	10%	14%
							grade 3 events	6215	5943	6241	6375	6272	11738
								3%	3%	3%	3%	3%	6%
							grade 4 events	6138	6144	6144	6352	6104	11426
								3%	3%	3%	3%	3%	5%
							grade 5 events	3808	3948	3652	4061	4073	10252
								2%	2%	2%	2%	2%	5%
							grade 6 events	13884	14315	13511	13387	16193	51081
								8%	8%	7%	8%	9%	26%
							grade 7 events	64153	62722	69779	66187	68240	55589
								39%	39%	41%	40%	40%	28%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	306.0326656441192
[deg] Pointing Dec	0	-43.97753008795095
[deg] Pointing Roll	0.0	8.377951994790759
[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)	333138965.622683	333138964.59769
Observation start date	2008-07-22T18:36:06	2008-07-22T18:36:04
[s] Observation end time (MET)	333151228.723283	333151227.69829
Observation end date	2008-07-22T22:00:29	2008-07-22T22:00:27
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

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	8.270838531673

A.2 Comments