

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51615 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 20 2015

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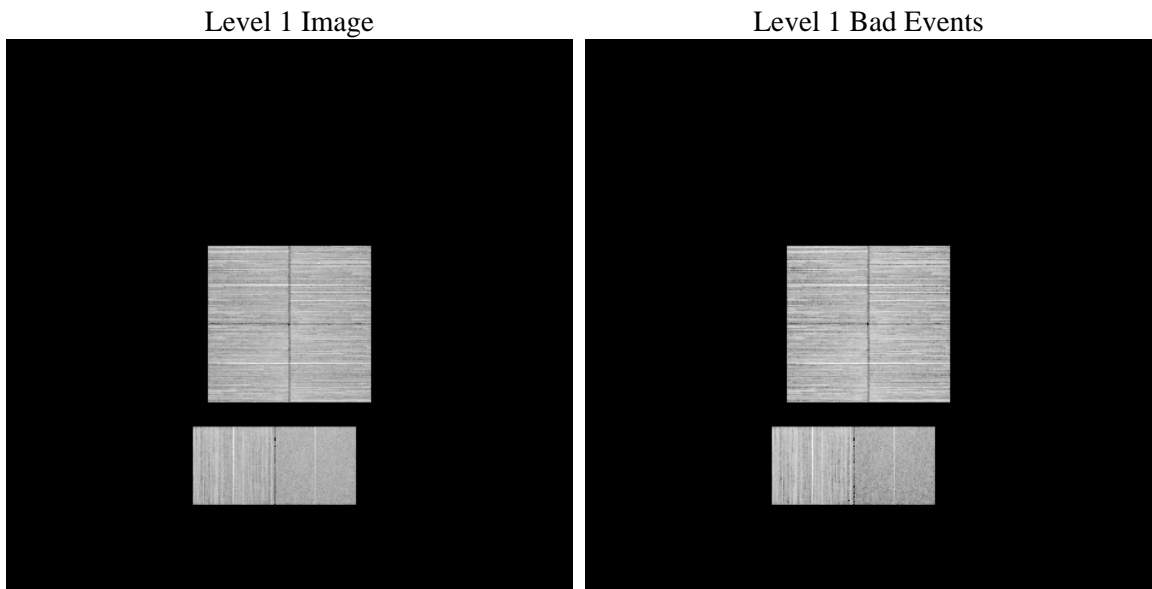
1 Front

seq_num	 	Sequence number
obs_id	51615	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	331.99942073604	Nominal RA [deg]
dec_nom	16.971169130915	Nominal Dec [deg]
roll_nom	235.95717885433	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8460.8001260757	Sum of GTIs [s]
livetime	8353.6643803972	Livetime [s]
ontime0	8460.8001260757	Sum of GTIs [s]
ontime1	8460.8001260757	Sum of GTIs [s]
ontime2	8460.8001260757	Sum of GTIs [s]
ontime3	8460.8001260757	Sum of GTIs [s]
ontime6	8460.8001260757	Sum of GTIs [s]
ontime7	8460.8001260757	Sum of GTIs [s]
l2events	152267	Number of level 2 events

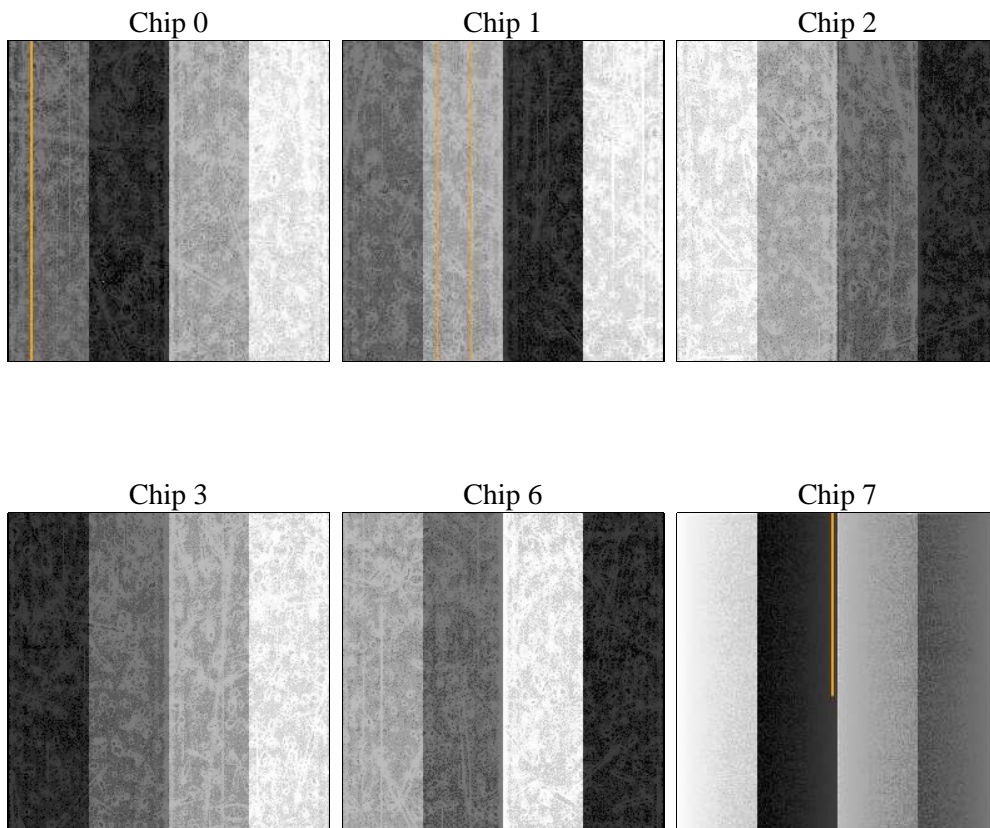
2 OBI

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	10.4.1	Processing system revision	ontime	8460.8001260757	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8460.8001260757	Sum of GTIs [s]
date	2015-09-20T14:33:37	Date and time of file creation	ontime1	8460.8001260757	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8460.8001260757	Sum of GTIs [s]
			ontime3	8460.8001260757	Sum of GTIs [s]
			ontime6	8460.8001260757	Sum of GTIs [s]
			ontime7	8460.8001260757	Sum of GTIs [s]
			l1events	924687	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	152452	163051	161826	163519	160669	123170	grade 0 events	10592	10351	10929	10954	10375	5788
rejected events	130432	140395	139726	141366	137626	72912		6%	6%	6%	6%	6%	4%
rejected %	85%	86%	86%	86%	85%	59%	grade 1 events	78	60	61	79	42	106
								0%	0%	0%	0%	0%	0%
							grade 2 events	4782	5327	4524	4455	5300	12397
								3%	3%	2%	2%	3%	10%
							grade 3 events	1564	1423	1653	1533	1497	3713
								1%	0%	1%	0%	0%	3%
							grade 4 events	1467	1472	1511	1682	1548	3777
								0%	0%	0%	1%	0%	3%
							grade 5 events	2939	2969	2830	3230	3129	7736
								1%	1%	1%	1%	1%	6%
							grade 6 events	3615	4083	3483	3529	4323	24583
								2%	2%	2%	2%	2%	19%
							grade 7 events	127415	137366	136835	138057	134455	65070
								83%	84%	84%	84%	83%	52%

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	331.999420736038
[deg] Pointing Dec	0	16.97116913091455
[deg] Pointing Roll	0.0	235.95717885433
[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)	559114070.9105639	559114069.88556
Observation start date	2015-09-20T05:27:51	2015-09-20T05:27:49
[s] Observation end time (MET)	559126215.111249	559126214.0862499
Observation end date	2015-09-20T08:50:15	2015-09-20T08:50:14
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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)	2015.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4608001260757

A.2 Comments