

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55568 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

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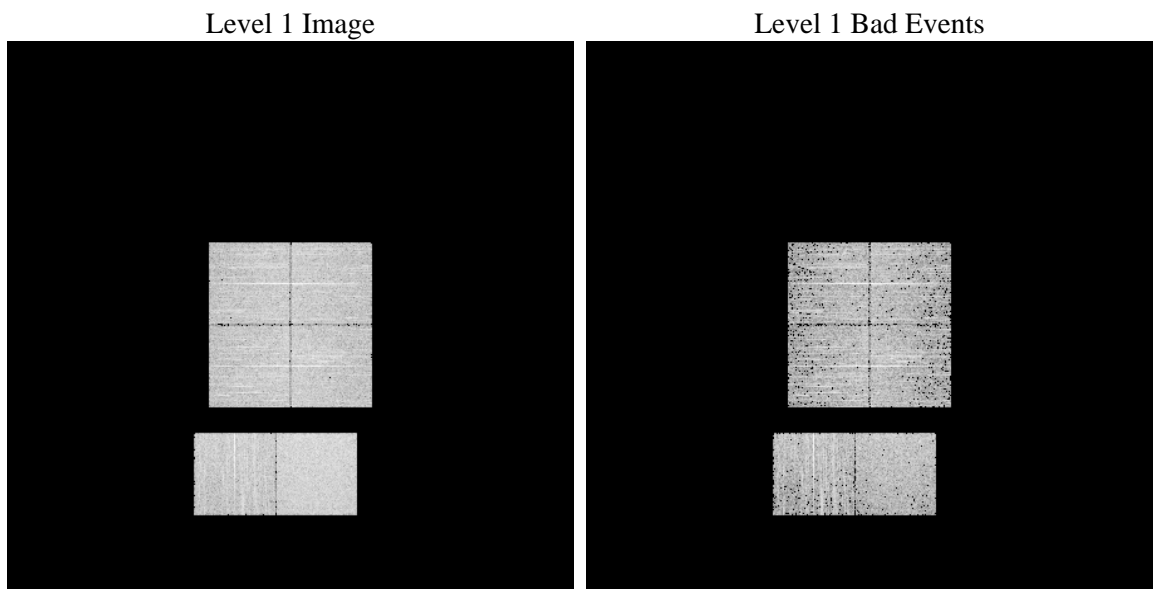
1 Front

seq_num	 	Sequence number
obs_id	55568	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	206.32621153713	Nominal RA [deg]
dec_nom	-19.565120303182	Nominal Dec [deg]
roll_nom	55.20505496468	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3285.8242208958	Sum of GTIs [s]
livetime	3244.217136125	Livetime [s]
ontime0	3285.7831808925	Sum of GTIs [s]
ontime1	3285.7421408892	Sum of GTIs [s]
ontime2	3285.7011008859	Sum of GTIs [s]
ontime3	3285.8652608991	Sum of GTIs [s]
ontime6	3285.6600608826	Sum of GTIs [s]
ontime7	3285.8242208958	Sum of GTIs [s]
l2events	130246	Number of level 2 events

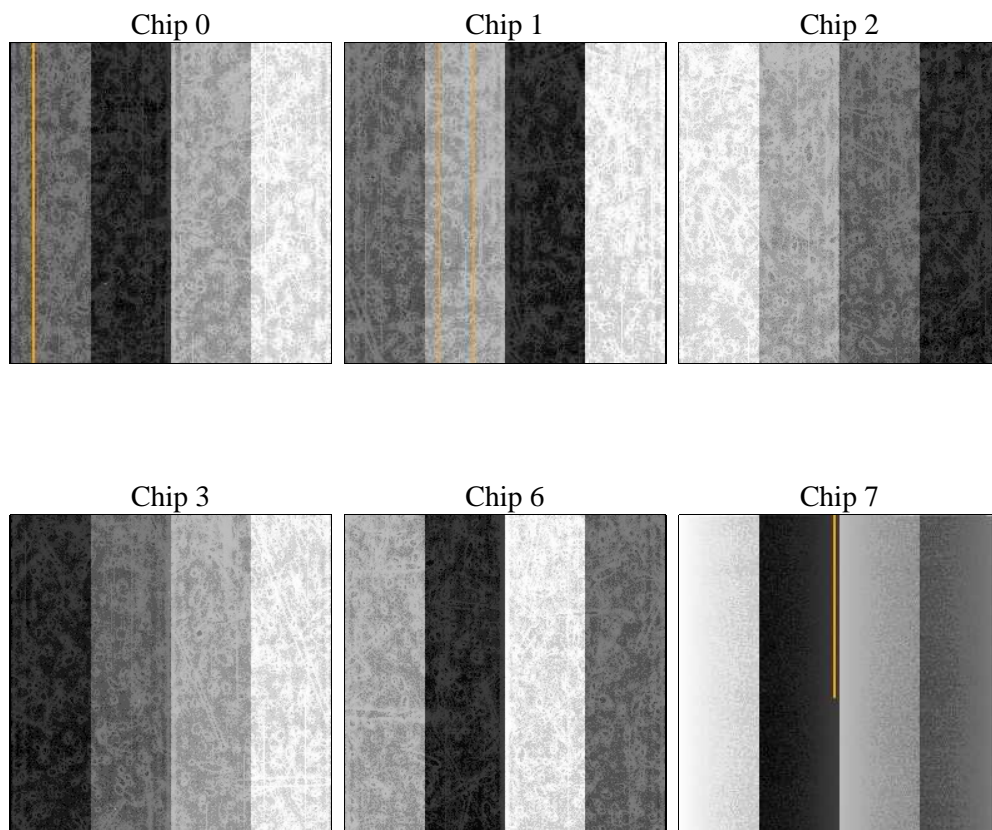
2 OBI

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	8.4.3	Processing system revision	ontime	3285.8242208958	Sum of GTIs [s]
caldbver	4.4.7	 	ontime0	3285.7831808925	Sum of GTIs [s]
date	2012-02-06T22:08:48	Date and time of file creation	ontime1	3285.7421408892	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3285.7011008859	Sum of GTIs [s]
			ontime3	3285.8652608991	Sum of GTIs [s]
			ontime6	3285.6600608826	Sum of GTIs [s]
			ontime7	3285.8242208958	Sum of GTIs [s]
			l1events	281501	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	43540	43828	44787	44615	46411	58320	grade 0 events	10915	10855	11212	11134	11067	5772
rejected events	22926	22892	24085	23922	24999	24517		25%	24%	25%	24%	23%	9%
rejected %	52%	52%	53%	53%	53%	42%	grade 1 events	57	64	82	74	69	56
								0%	0%	0%	0%	0%	0%
							grade 2 events	3779	4041	3567	3667	3912	7212
								8%	9%	7%	8%	8%	12%
							grade 3 events	1415	1406	1478	1442	1436	3082
								3%	3%	3%	3%	3%	5%
							grade 4 events	1431	1395	1351	1510	1435	3081
								3%	3%	3%	3%	3%	5%
							grade 5 events	1362	1516	1270	1527	1524	3958
								3%	3%	2%	3%	3%	6%
							grade 6 events	3074	3239	3094	2940	3562	14656
								7%	7%	6%	6%	7%	25%
							grade 7 events	21507	21312	22733	22321	23406	20503
								49%	48%	50%	50%	50%	35%

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	206.3262115371297
[deg] Pointing Dec	0	-19.56512030318187
[deg] Pointing Roll	0.0	55.20505496468012
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	417182915.469998	417182914.445
Observation start date	2011-03-22T12:08:35	2011-03-22T12:08:34
[s] Observation end time (MET)	417189059.320317	417189058.29532
Observation end date	2011-03-22T13:50:59	2011-03-22T13:50:58
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)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2858242208958

A.2 Comments