

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55390 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

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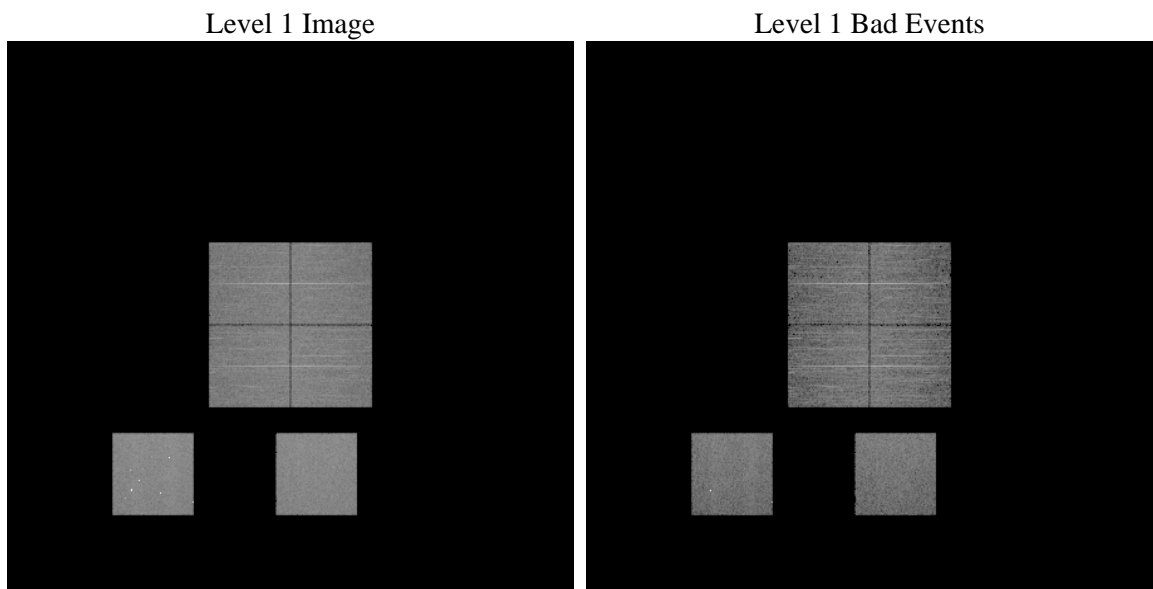
1 Front

seq_num	 	Sequence number
obs_id	55390	Observation id
title	ACIS-012357 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	204.95965332677	Nominal RA [deg]
dec_nom	77.472569283714	Nominal Dec [deg]
roll_nom	219.54567047096	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7999691963	Sum of GTIs [s]
ontime1	8284.7999691963	Sum of GTIs [s]
ontime2	8284.7999691963	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime5	8284.7999691963	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	340085	Number of level 2 events

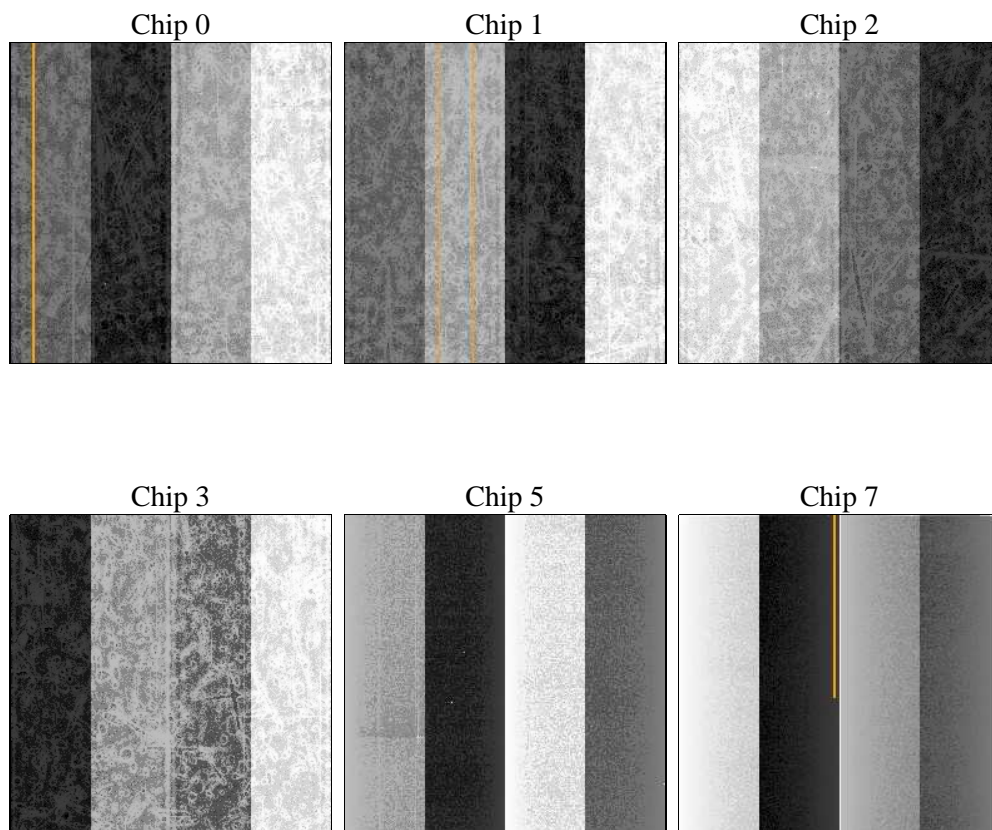
2 OBI

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	8284.7999691963	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8284.7999691963	Sum of GTIs [s]
date	2012-02-11T05:14:02	Date and time of file creation	ontime1	8284.7999691963	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8284.7999691963	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime5	8284.7999691963	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	711473	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	101953	103456	107035	110034	151573	137422	grade 0 events	25695	24786	26922	27218	14975	13027
rejected events	52693	53639	57654	60260	62409	58680		25%	23%	25%	24%	9%	9%
rejected %	51%	51%	53%	54%	41%	42%	grade 1 events	135	122	180	175	296	98
								0%	0%	0%	0%	0%	0%
							grade 2 events	9199	10369	8360	8438	31307	17266
								9%	10%	7%	7%	20%	12%
							grade 3 events	3351	3277	3498	3402	2796	6759
								3%	3%	3%	3%	1%	4%
							grade 4 events	3266	3145	3341	3371	2717	6639
								3%	3%	3%	3%	1%	4%
							grade 5 events	3299	3327	3043	3662	7500	8660
								3%	3%	2%	3%	4%	6%
							grade 6 events	7770	8260	7282	7371	37405	35082
								7%	7%	6%	6%	24%	25%
							grade 7 events	49238	50170	54409	56397	54577	49891
								48%	48%	50%	51%	36%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	204.9596533267739	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	77.47256928371391	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	219.5456704709631	[s] Primary exposure time	3.2	3.2
[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)	423151152.529727	423151151.50474			
Observation start date	2011-05-30T13:59:13	2011-05-30T13:59:11			
[s] Observation end time (MET)	423161152.430246	423161151.40526			
Observation end date	2011-05-30T16:45:52	2011-05-30T16:45:51			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments