

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55854 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 7 2012

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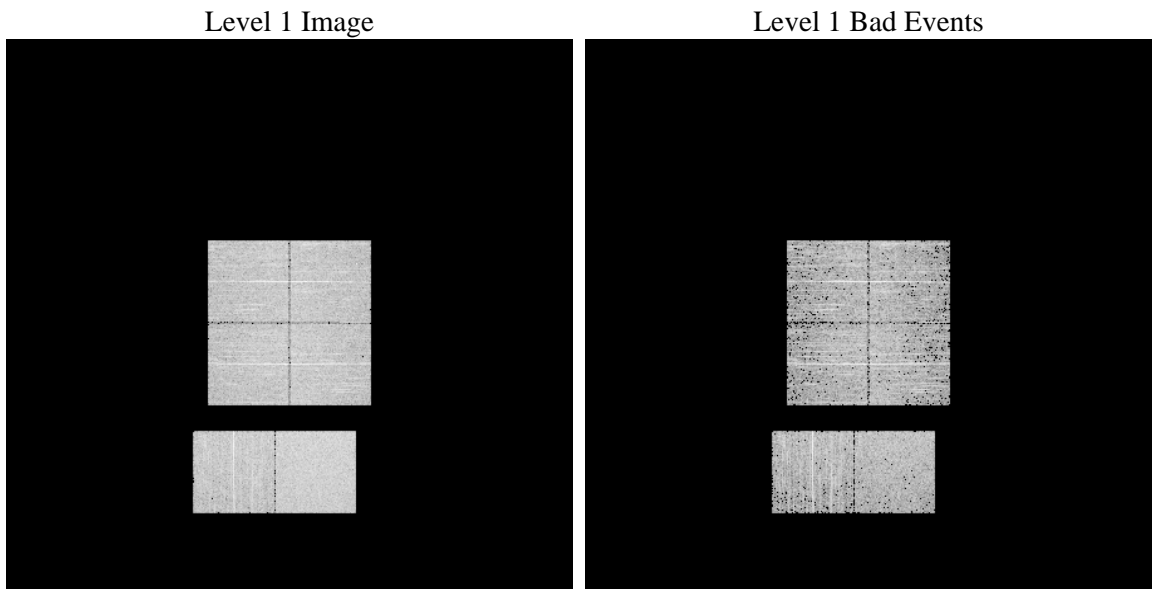
1 Front

seq_num	 	Sequence number
obs_id	55854	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	82.000198748571	Nominal RA [deg]
dec_nom	6.0292253914157	Nominal Dec [deg]
roll_nom	55.301142926753	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3241.5999879837	Sum of GTIs [s]
livetime	3200.5528970787	Livetime [s]
ontime0	3241.5999879837	Sum of GTIs [s]
ontime1	3241.5999879837	Sum of GTIs [s]
ontime2	3241.5999879837	Sum of GTIs [s]
ontime3	3241.5999879837	Sum of GTIs [s]
ontime6	3241.5999879837	Sum of GTIs [s]
ontime7	3241.5999879837	Sum of GTIs [s]
l2events	142685	Number of level 2 events

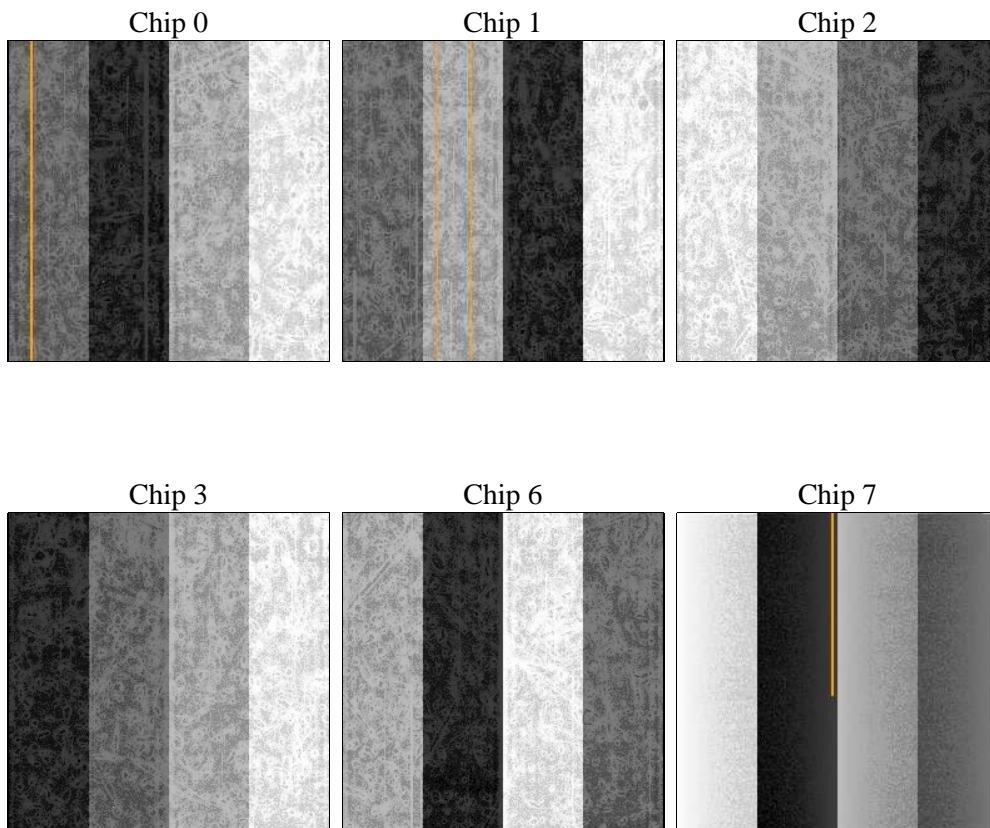
2 OBI

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	8.4.5	Processing system revision	ontime	3241.5999879837	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	3241.5999879837	Sum of GTIs [s]
date	2012-07-07T05:55:41	Date and time of file creation	ontime1	3241.5999879837	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3241.5999879837	Sum of GTIs [s]
			ontime3	3241.5999879837	Sum of GTIs [s]
			ontime6	3241.5999879837	Sum of GTIs [s]
			ontime7	3241.5999879837	Sum of GTIs [s]
			l1events	300372	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	46969	46961	46864	48359	49849	61370	grade 0 events	12346	12119	12243	12561	12401	6366
rejected events	24081	23764	24314	25307	26255	25650		26%	25%	26%	25%	24%	10%
rejected %	51%	50%	51%	52%	52%	41%	grade 1 events	74	66	81	83	74	56
								0%	0%	0%	0%	0%	0%
							grade 2 events	4158	4379	4013	3993	4363	7760
								8%	9%	8%	8%	8%	12%
							grade 3 events	1556	1582	1592	1578	1506	3290
								3%	3%	3%	3%	3%	5%
							grade 4 events	1504	1564	1592	1599	1546	3217
								3%	3%	3%	3%	3%	5%
							grade 5 events	1463	1510	1473	1673	1569	4076
								3%	3%	3%	3%	3%	6%
							grade 6 events	3629	3823	3399	3605	4074	15543
								7%	8%	7%	7%	8%	25%
							grade 7 events	22239	21918	22471	23267	24316	21062
								47%	46%	47%	48%	48%	34%

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	82.00019874857107	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	6.02922539141569	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	55.30114292675255	[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)	406902841.438585	406902840.41359			
Observation start date	2010-11-23T12:34:01	2010-11-23T12:34:00			
[s] Observation end time (MET)	406907175.138809	406907174.11381			
Observation end date	2010-11-23T13:46:15	2010-11-23T13:46:14			
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)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2415999879837

A.2 Comments