

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55619 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 5 2012

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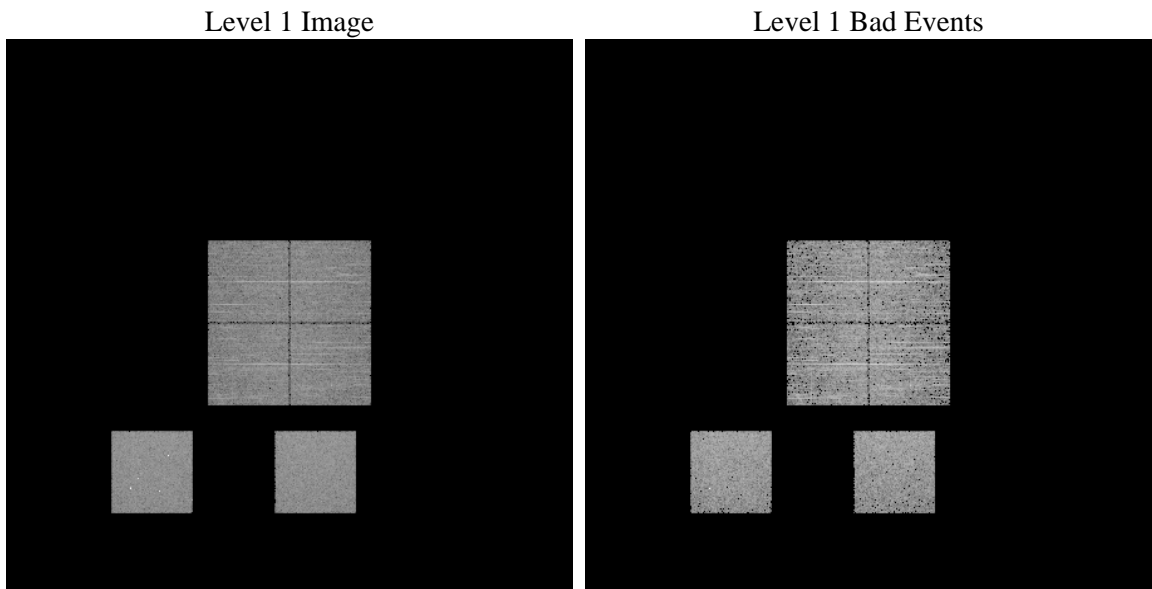
1 Front

seq_num	 	Sequence number
obs_id	55619	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	140.5019521389	Nominal RA [deg]
dec_nom	20.971290798138	Nominal Dec [deg]
roll_nom	240.35711405349	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3311.9999877214	Sum of GTIs [s]
livetime	3270.0614496299	Livetime [s]
ontime0	3311.9999877214	Sum of GTIs [s]
ontime1	3311.9999877214	Sum of GTIs [s]
ontime2	3311.9999877214	Sum of GTIs [s]
ontime3	3311.9999877214	Sum of GTIs [s]
ontime5	3311.9999877214	Sum of GTIs [s]
ontime7	3311.9999877214	Sum of GTIs [s]
l2events	146811	Number of level 2 events

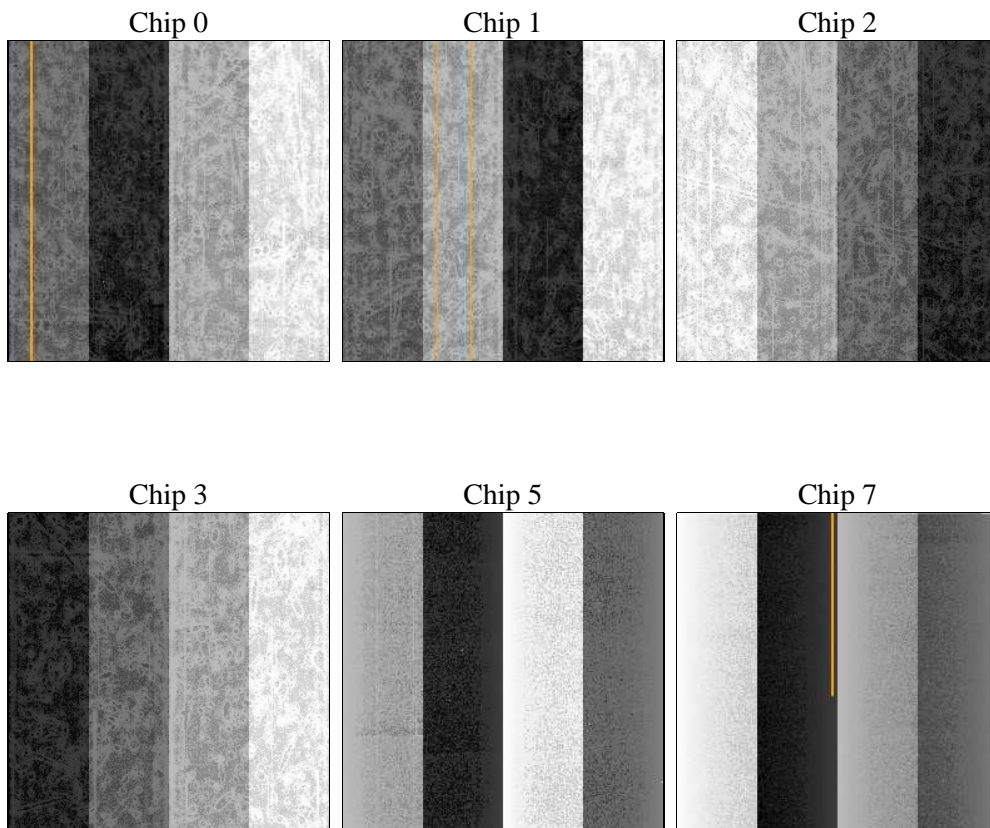
2 OBI

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	3311.9999877214	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3311.9999877214	Sum of GTIs [s]
date	2012-02-05T14:31:03	Date and time of file creation	ontime1	3311.9999877214	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3311.9999877214	Sum of GTIs [s]
			ontime3	3311.9999877214	Sum of GTIs [s]
			ontime5	3311.9999877214	Sum of GTIs [s]
			ontime7	3311.9999877214	Sum of GTIs [s]
			l1events	307941	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	44189	45564	47156	46980	63195	60857	grade 0 events	11047	10865	11425	11239	5956	6098
rejected events	23367	24303	25952	26074	26333	25888		24%	23%	24%	23%	9%	10%
rejected %	52%	53%	55%	55%	41%	42%	grade 1 events	75	64	72	98	320	55
								0%	0%	0%	0%	0%	0%
							grade 2 events	3805	4185	3685	3735	12684	7719
								8%	9%	7%	7%	20%	12%
							grade 3 events	1467	1390	1470	1416	1430	3079
								3%	3%	3%	3%	2%	5%
							grade 4 events	1380	1409	1501	1496	1494	3238
								3%	3%	3%	3%	2%	5%
							grade 5 events	1551	1489	1425	1566	3325	4094
								3%	3%	3%	3%	5%	6%
							grade 6 events	3145	3432	3146	3038	15334	14876
								7%	7%	6%	6%	24%	24%
							grade 7 events	21719	22730	24432	24392	22652	21698
								49%	49%	51%	51%	35%	35%

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	140.5019521388987	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	20.97129079813788	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	240.3571140534923	[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)	415355332.175326	415355331.15032			
Observation start date	2011-03-01T08:28:52	2011-03-01T08:28:51			
[s] Observation end time (MET)	415372810.476231	415372809.45123			
Observation end date	2011-03-01T13:20:10	2011-03-01T13:20:09			
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)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3119999877214

A.2 Comments