

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55745 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

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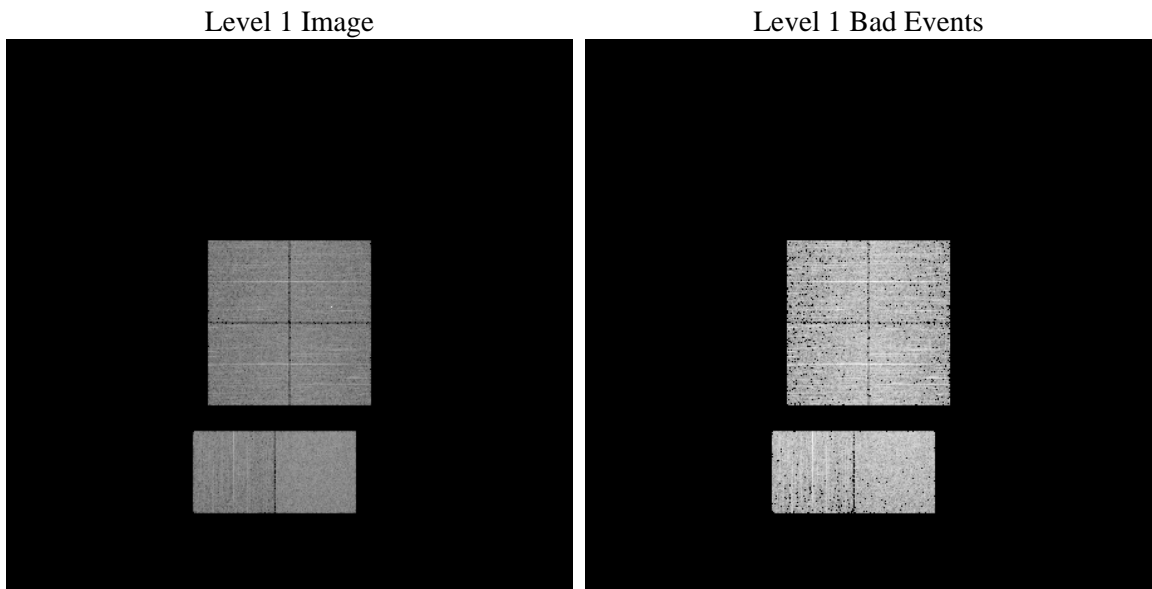
1 Front

seq_num	 	Sequence number
obs_id	55745	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	277.02136671866	Nominal RA [deg]
dec_nom	29.021868007006	Nominal Dec [deg]
roll_nom	16.349137007954	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3283.1999878287	Sum of GTIs [s]
livetime	3241.6261326772	Livetime [s]
ontime0	3283.1999878287	Sum of GTIs [s]
ontime1	3283.1999878287	Sum of GTIs [s]
ontime2	3283.1999878287	Sum of GTIs [s]
ontime3	3283.1999878287	Sum of GTIs [s]
ontime6	3283.1999878287	Sum of GTIs [s]
ontime7	3283.1999878287	Sum of GTIs [s]
l2events	143112	Number of level 2 events

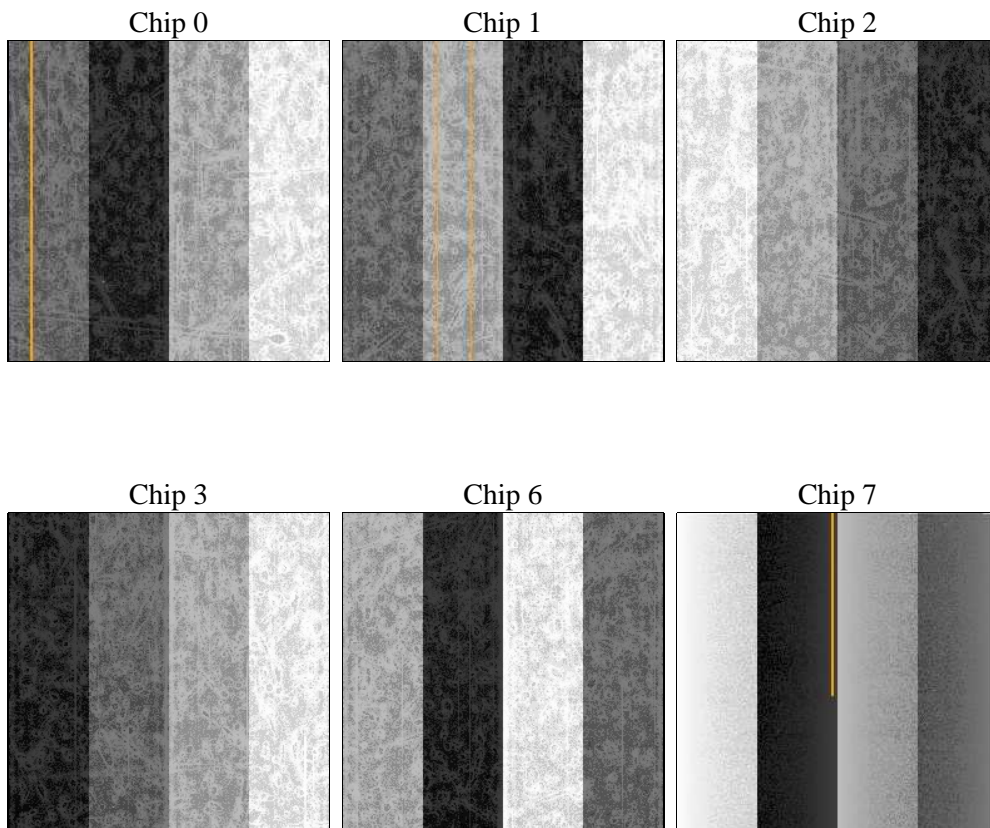
2 OBI

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	3283.1999878287	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3283.1999878287	Sum of GTIs [s]
date	2012-02-01T11:43:00	Date and time of file creation	ontime1	3283.1999878287	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3283.1999878287	Sum of GTIs [s]
			ontime3	3283.1999878287	Sum of GTIs [s]
			ontime6	3283.1999878287	Sum of GTIs [s]
			ontime7	3283.1999878287	Sum of GTIs [s]
			l1events	298886	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	45052	48267	46425	49037	48823	61282	grade 0 events	12153	12867	12056	12452	12088	6163
rejected events	22048	23883	23766	25941	25128	25640		26%	26%	25%	25%	24%	10%
rejected %	48%	49%	51%	52%	51%	41%	grade 1 events	102	64	94	85	65	55
								0%	0%	0%	0%	0%	0%
							grade 2 events	4227	4510	3942	4101	4362	7686
								9%	9%	8%	8%	8%	12%
							grade 3 events	1525	1613	1615	1585	1549	3141
								3%	3%	3%	3%	3%	5%
							grade 4 events	1497	1569	1566	1578	1587	3190
								3%	3%	3%	3%	3%	5%
							grade 5 events	1431	1505	1407	1640	1548	3971
								3%	3%	3%	3%	3%	6%
							grade 6 events	3633	3842	3507	3396	4130	15507
								8%	7%	7%	6%	8%	25%
							grade 7 events	20484	22297	22238	24200	23494	21569
								45%	46%	47%	49%	48%	35%

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	277.0213667186596	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	29.02186800700596	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	16.34913700795355	[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)	411014321.650731	411014320.62575			
Observation start date	2011-01-10T02:38:42	2011-01-10T02:38:40			
[s] Observation end time (MET)	411019268.300987	411019267.276			
Observation end date	2011-01-10T04:01:08	2011-01-10T04:01:07			
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)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2831999878287

A.2 Comments