

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54945 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 7 2012

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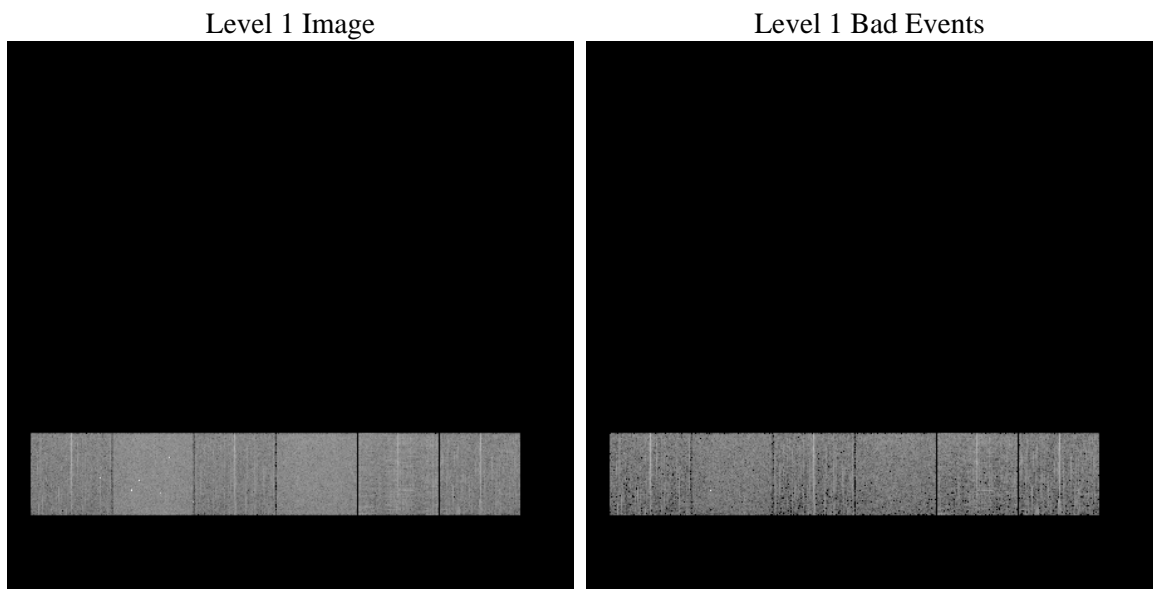
1 Front

seq_num	 	Sequence number
obs_id	54945	Observation id
title	ACIS-456789 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	83.005771262137	Nominal RA [deg]
dec_nom	32.970993577394	Nominal Dec [deg]
roll_nom	250.6037790361	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4159.9999845624	Sum of GTIs [s]
livetime	4107.3235599066	Livetime [s]
ontime4	4159.9999845624	Sum of GTIs [s]
ontime5	4159.9999845624	Sum of GTIs [s]
ontime6	4159.9999845624	Sum of GTIs [s]
ontime7	4159.9999845624	Sum of GTIs [s]
ontime8	4159.9999845624	Sum of GTIs [s]
ontime9	4159.9999845624	Sum of GTIs [s]
l2events	156687	Number of level 2 events

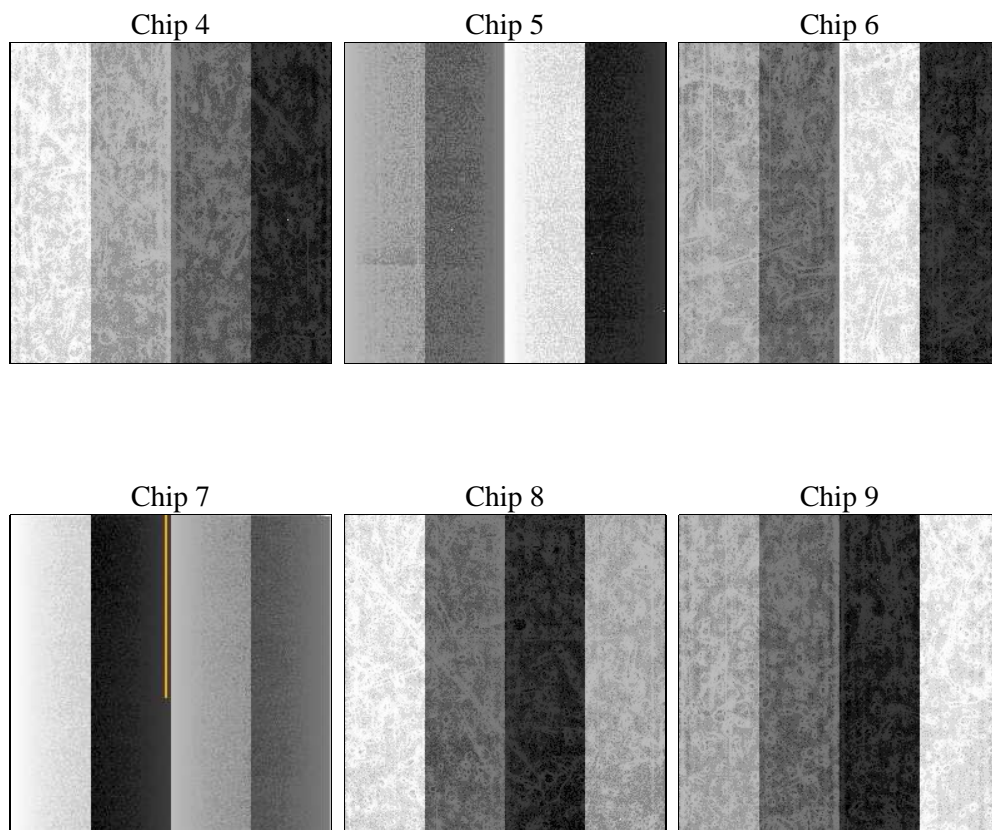
2 OBI

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	4159.9999845624	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	4159.9999845624	Sum of GTIs [s]
date	2012-01-08T00:05:08	Date and time of file creation	ontime5	4159.9999845624	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	4159.9999845624	Sum of GTIs [s]
			ontime7	4159.9999845624	Sum of GTIs [s]
			ontime8	4159.9999845624	Sum of GTIs [s]
			ontime9	4159.9999845624	Sum of GTIs [s]
			l1events	361569	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	52105	72629	53826	67214	62234	53561	grade 0 events	12452	5867	11854	5906	13535	11602
rejected events	30099	31976	30628	30220	33202	31206		23%	8%	22%	8%	21%	21%
rejected %	57%	44%	56%	44%	53%	58%	grade 1 events	114	121	64	66	88	64
								0%	0%	0%	0%	0%	0%
							grade 2 events	3513	14110	4315	8012	5715	4057
								6%	19%	8%	11%	9%	7%
							grade 3 events	1593	1678	1512	3264	2235	1529
								3%	2%	2%	4%	3%	2%
							grade 4 events	1529	1499	1555	3302	2211	1504
								2%	2%	2%	4%	3%	2%
							grade 5 events	1866	4468	1849	4698	2477	2084
								3%	6%	3%	6%	3%	3%
							grade 6 events	2919	17499	3962	16510	5336	3663
								5%	24%	7%	24%	8%	6%
							grade 7 events	28119	27387	28715	25456	30637	29058
								53%	37%	53%	37%	49%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	83.00577126213702	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	32.97099357739441	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	250.6037790361036	[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)	442320094.100247	442320093.07525			
Observation start date	2012-01-07T10:41:34	2012-01-07T10:41:33			
[s] Observation end time (MET)	442327736.500651	442327735.47565			
Observation end date	2012-01-07T12:48:57	2012-01-07T12:48:55			
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)	2012.01.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.1599999845624

A.2 Comments