

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56702 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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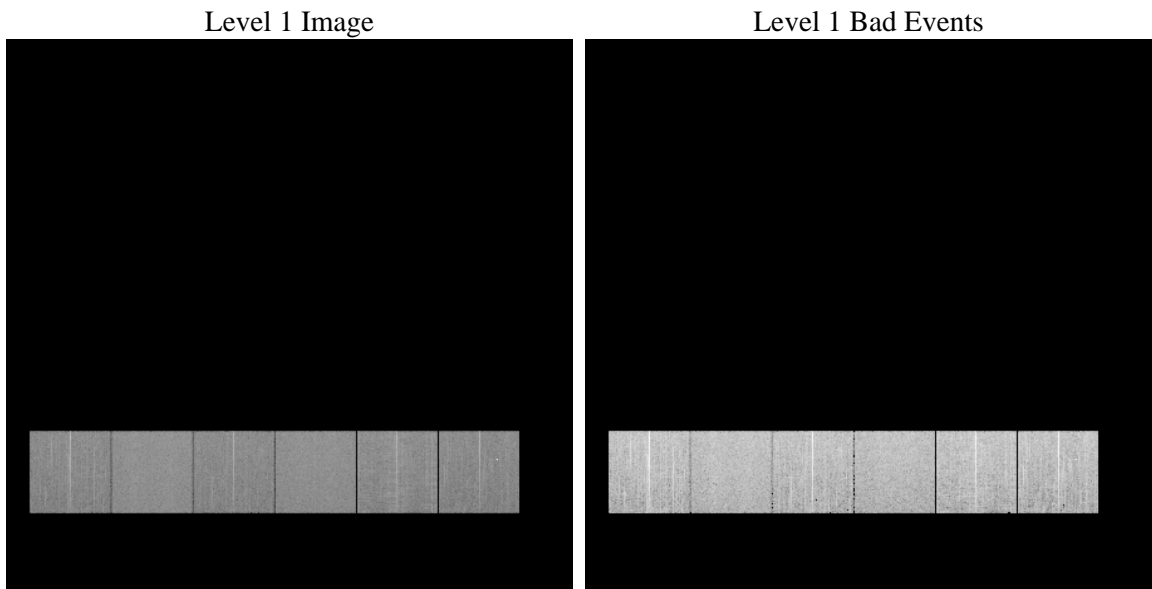
1 Front

seq_num	 	Sequence number
obs_id	56702	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	26.98977548322	Nominal RA [deg]
dec_nom	37.272872520596	Nominal Dec [deg]
roll_nom	212.8539003071	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6594.924644351	Sum of GTIs [s]
livetime	6511.4157375174	Livetime [s]
ontime4	6594.8015243411	Sum of GTIs [s]
ontime5	6594.8836043477	Sum of GTIs [s]
ontime6	6594.8425643444	Sum of GTIs [s]
ontime7	6594.924644351	Sum of GTIs [s]
ontime8	6594.7604843378	Sum of GTIs [s]
ontime9	6594.9656843543	Sum of GTIs [s]
l2events	384781	Number of level 2 events

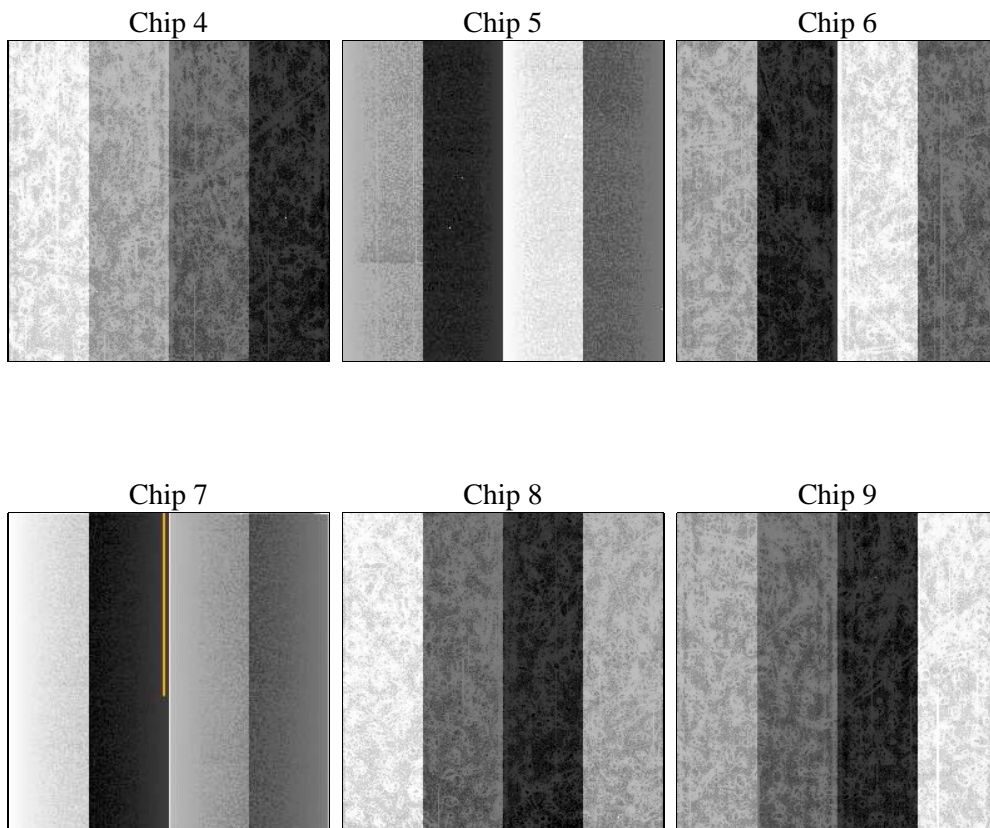
2 OBI

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	6594.924644351	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	6594.8015243411	Sum of GTIs [s]
date	2012-06-16T03:34:25	Date and time of file creation	ontime5	6594.8836043477	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6594.8425643444	Sum of GTIs [s]
			ontime7	6594.924644351	Sum of GTIs [s]
			ontime8	6594.7604843378	Sum of GTIs [s]
			ontime9	6594.9656843543	Sum of GTIs [s]
			l1events	819053	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	126772	151715	125395	147332	142227	125612	grade 0 events	31592	10935	31206	15786	35045	32391
rejected events	71448	63690	66708	59428	71776	66873		24%	7%	24%	10%	24%	25%
rejected %	56%	41%	53%	40%	50%	53%	grade 1 events	333	172	251	133	243	280
								0%	0%	0%	0%	0%	0%
							grade 2 events	9061	32885	10763	19494	13463	10253
								7%	21%	8%	13%	9%	8%
							grade 3 events	3971	3867	3901	8101	5187	3929
								3%	2%	3%	5%	3%	3%
							grade 4 events	4104	3887	3794	7873	5292	3943
								3%	2%	3%	5%	3%	3%
							grade 5 events	3519	7947	3640	9090	4794	4021
								2%	5%	2%	6%	3%	3%
							grade 6 events	7554	38058	10060	38213	12689	9204
								5%	25%	8%	25%	8%	7%
							grade 7 events	66638	53964	61780	48642	65514	61591
								52%	35%	49%	33%	46%	49%

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	26.98977548321964	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	37.27287252059624	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	212.8539003071039	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	373803943.602549	373803942.57756			
Observation start date	2009-11-05T10:25:44	2009-11-05T10:25:42			
[s] Observation end time (MET)	373814400.653076	373814399.62809			
Observation end date	2009-11-05T13:20:01	2009-11-05T13:19:59			
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)	2012.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.594924644351

A.2 Comments