

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56670 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 16 2012

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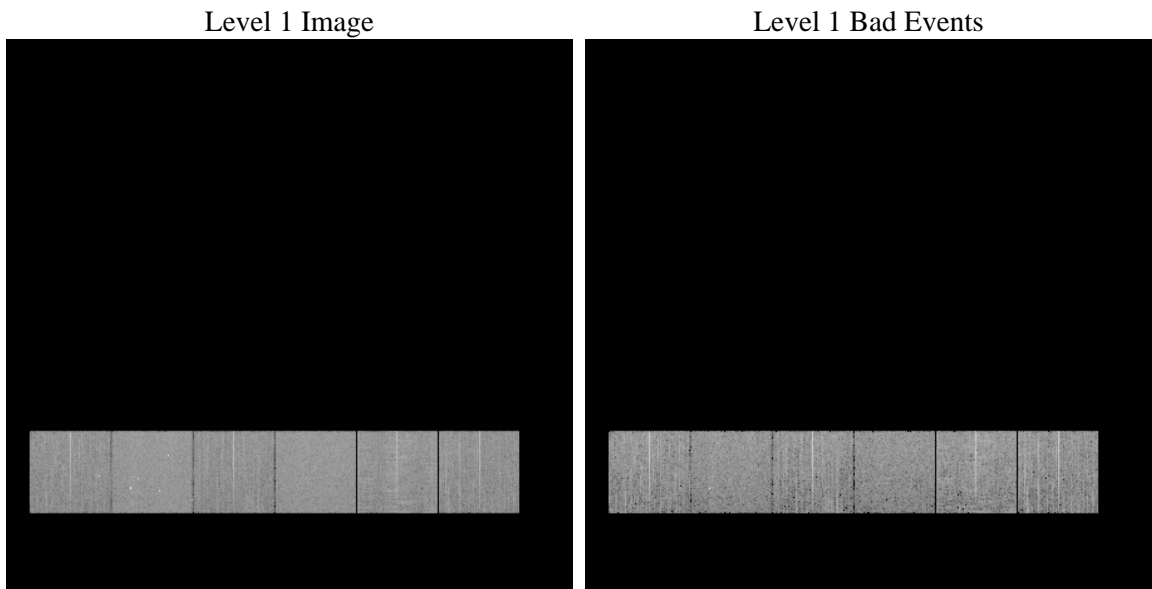
1 Front

seq_num	 	Sequence number
obs_id	56670	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	58.043643555473	Nominal RA [deg]
dec_nom	5.8059209062713	Nominal Dec [deg]
roll_nom	17.499383011596	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4514.302111268	Sum of GTIs [s]
livetime	4457.1392997488	Livetime [s]
ontime4	4514.1789912581	Sum of GTIs [s]
ontime5	4514.2610712647	Sum of GTIs [s]
ontime6	4514.2200312614	Sum of GTIs [s]
ontime7	4514.302111268	Sum of GTIs [s]
ontime8	4514.1379512548	Sum of GTIs [s]
ontime9	4511.4741377831	Sum of GTIs [s]
l2events	270565	Number of level 2 events

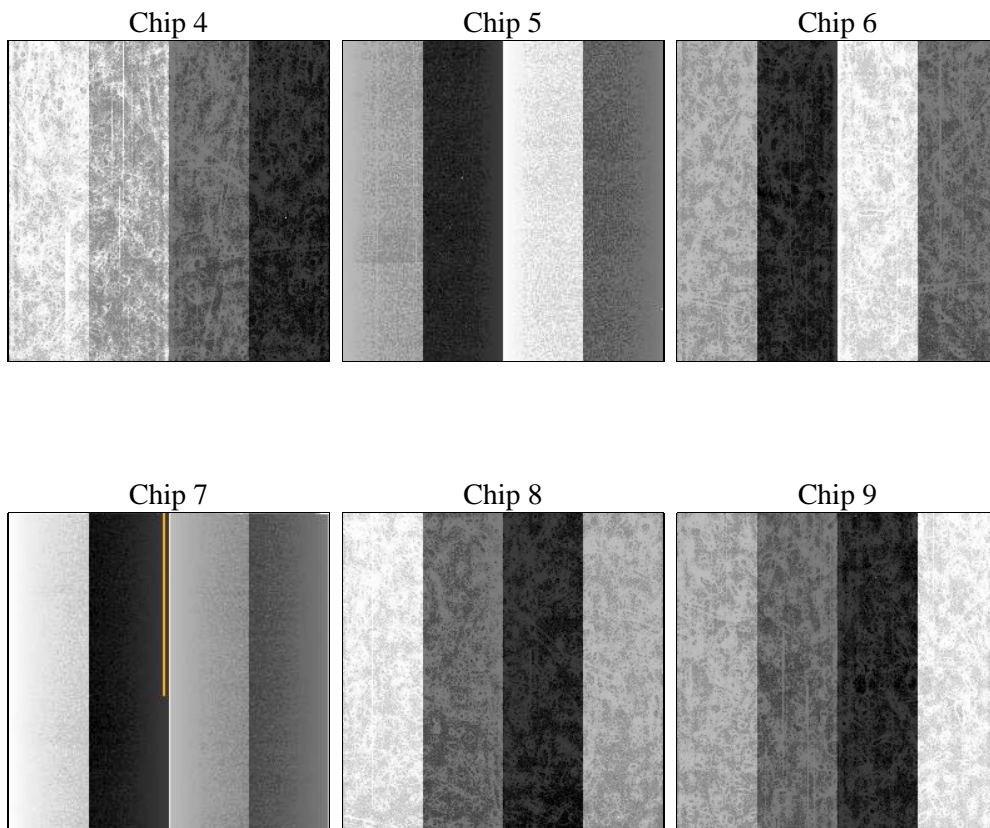
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4514.302111268	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	4514.1789912581	Sum of GTIs [s]
date	2012-06-16T19:50:47	Date and time of file creation	ontime5	4514.2610712647	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4514.2200312614	Sum of GTIs [s]
			ontime7	4514.302111268	Sum of GTIs [s]
			ontime8	4514.1379512548	Sum of GTIs [s]
			ontime9	4511.4741377831	Sum of GTIs [s]
			l1events	566154	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	86655	106550	86014	102396	98001	86538	grade 0 events	22022	9541	21165	11226	23720	21419
rejected events	47424	42886	45093	39847	48855	46088		25%	8%	24%	10%	24%	24%
rejected %	54%	40%	52%	38%	49%	53%	grade 1 events	246	134	136	103	181	184
								0%	0%	0%	0%	0%	0%
							grade 2 events	6324	22682	7328	13539	9297	7032
								7%	21%	8%	13%	9%	8%
							grade 3 events	2813	2860	2712	5720	3593	2791
								3%	2%	3%	5%	3%	3%
							grade 4 events	2801	2562	2654	5743	3531	2778
								3%	2%	3%	5%	3%	3%
							grade 5 events	2522	5859	2498	6509	3282	2794
								2%	5%	2%	6%	3%	3%
							grade 6 events	5271	26019	7062	26321	9005	6430
								6%	24%	8%	25%	9%	7%
							grade 7 events	44656	36893	42459	33235	45392	43110
								51%	34%	49%	32%	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	58.04364355547338	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.805920906271335	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	17.49938301159629	[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)	374910574.658343	374910573.63334			
Observation start date	2009-11-18T05:49:35	2009-11-18T05:49:33			
[s] Observation end time (MET)	374918294.958732	374918293.93373			
Observation end date	2009-11-18T07:58:15	2009-11-18T07:58:13			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.514302111268

A.2 Comments