

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56420 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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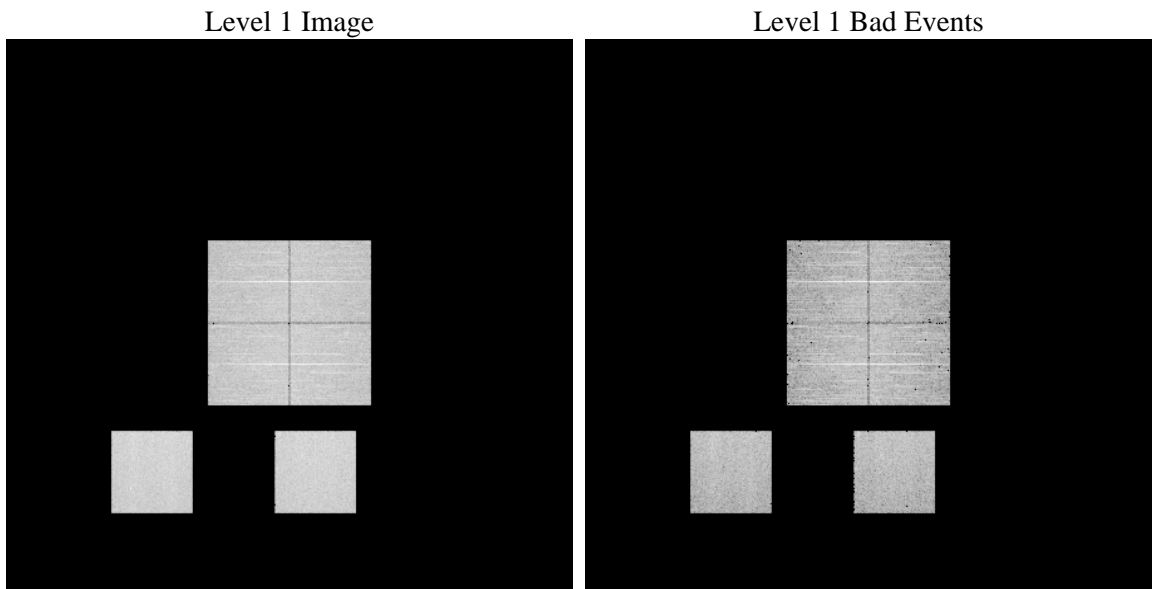
1 Front

seq_num	 	Sequence number
obs_id	56420	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	172.9671525167	Nominal RA [deg]
dec_nom	29.396844308048	Nominal Dec [deg]
roll_nom	153.49995936445	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5955.1999778748	Sum of GTIs [s]
livetime	5879.791649964	Livetime [s]
ontime0	5955.1999778748	Sum of GTIs [s]
ontime1	5955.1999778748	Sum of GTIs [s]
ontime2	5955.1999778748	Sum of GTIs [s]
ontime3	5955.1999778748	Sum of GTIs [s]
ontime5	5955.1999778748	Sum of GTIs [s]
ontime7	5955.1999778748	Sum of GTIs [s]
l2events	321556	Number of level 2 events

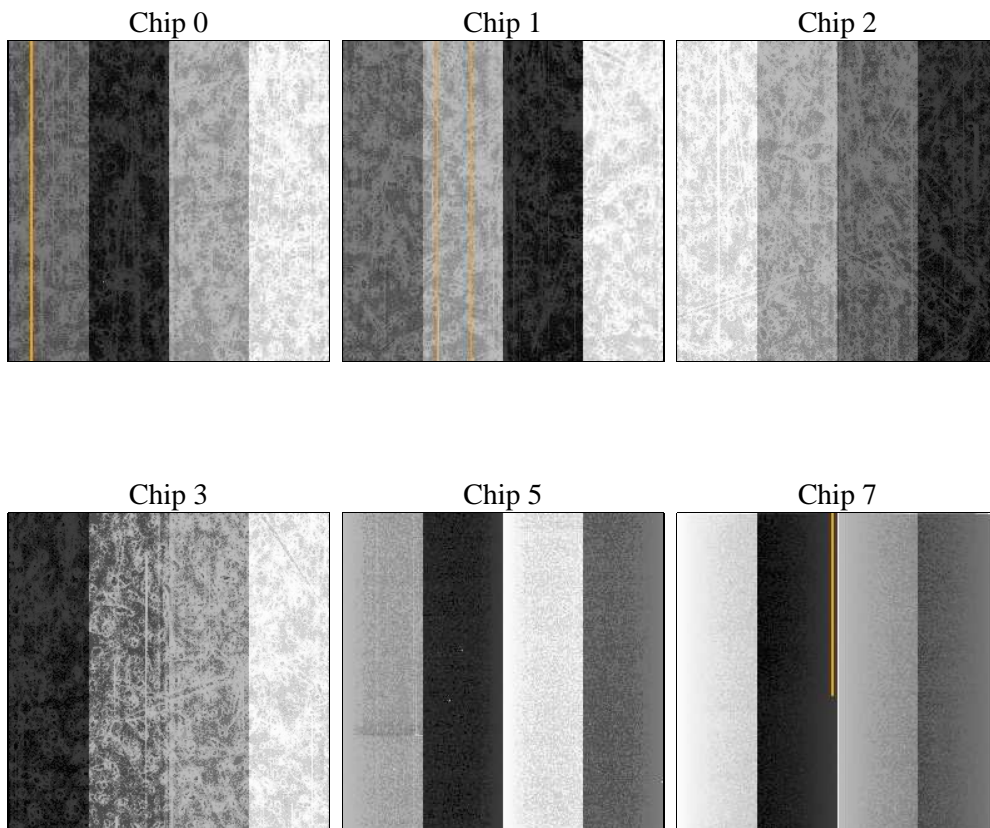
2 OBI

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	5955.1999778748	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	5955.1999778748	Sum of GTIs [s]
date	2012-06-22T05:02:58	Date and time of file creation	ontime1	5955.1999778748	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5955.1999778748	Sum of GTIs [s]
			ontime3	5955.1999778748	Sum of GTIs [s]
			ontime5	5955.1999778748	Sum of GTIs [s]
			ontime7	5955.1999778748	Sum of GTIs [s]
			l1events	647406	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	95221	96342	101292	103066	126219	125266	grade 0 events	24725	24303	25766	25837	8028	12656
rejected events	48380	48630	54251	55520	52704	51044		25%	25%	25%	25%	6%	10%
rejected %	50%	50%	53%	53%	41%	40%	grade 1 events	163	148	220	213	160	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	8617	9445	7967	8181	27637	16514
								9%	9%	7%	7%	21%	13%
							grade 3 events	3162	3111	3330	3317	2744	6540
								3%	3%	3%	3%	2%	5%
							grade 4 events	3150	3149	3160	3278	2712	6463
								3%	3%	3%	3%	2%	5%
							grade 5 events	2834	2830	2707	3142	6368	7810
								2%	2%	2%	3%	5%	6%
							grade 6 events	7187	7704	6818	6933	32394	32049
								7%	7%	6%	6%	25%	25%
							grade 7 events	45383	45652	51324	52165	46176	43148
								47%	47%	50%	50%	36%	34%

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	172.9671525167016	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	29.39684430804839	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	153.4999593644515	[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)	383858001.010861	383857999.98586			
Observation start date	2010-03-01T19:13:21	2010-03-01T19:13:19			
[s] Observation end time (MET)	383865680.311251	383865679.28625			
Observation end date	2010-03-01T21:21:20	2010-03-01T21:21:19			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9551999778748

A.2 Comments