

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56481 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 20 2012

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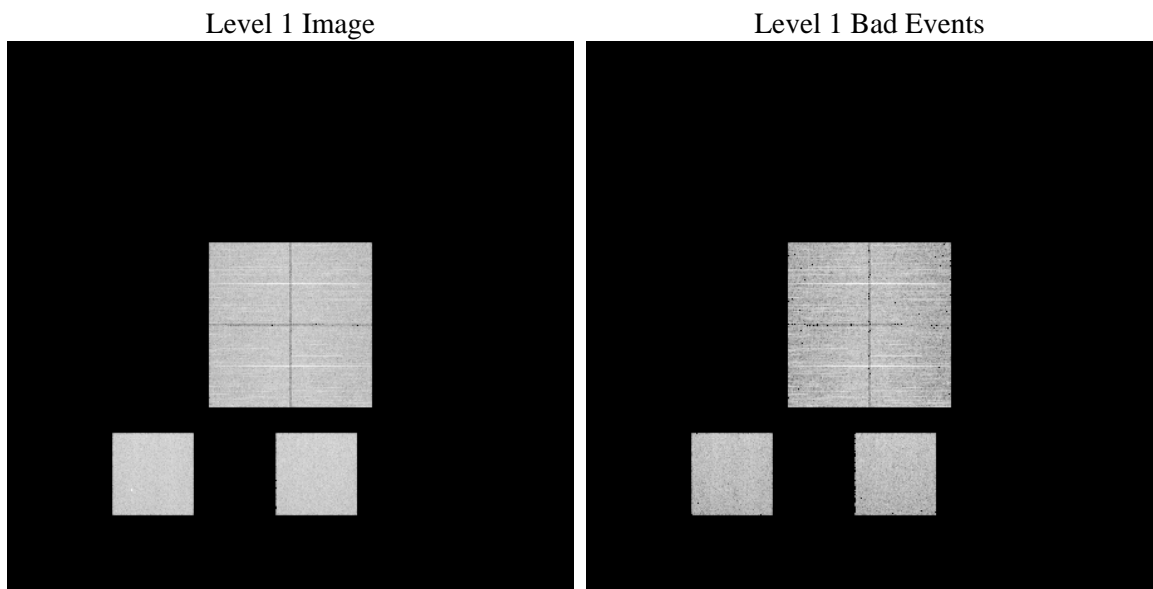
1 Front

seq_num	 	Sequence number
obs_id	56481	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	131.96576901604	Nominal RA [deg]
dec_nom	43.985069213103	Nominal Dec [deg]
roll_nom	178.55833475756	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5071.9740347862	Sum of GTIs [s]
livetime	5007.7496455817	Livetime [s]
ontime0	5071.9329947829	Sum of GTIs [s]
ontime1	5068.650944531	Sum of GTIs [s]
ontime2	5071.8509147763	Sum of GTIs [s]
ontime3	5071.9999811649	Sum of GTIs [s]
ontime5	5071.809874773	Sum of GTIs [s]
ontime7	5071.9740347862	Sum of GTIs [s]
l2events	279225	Number of level 2 events

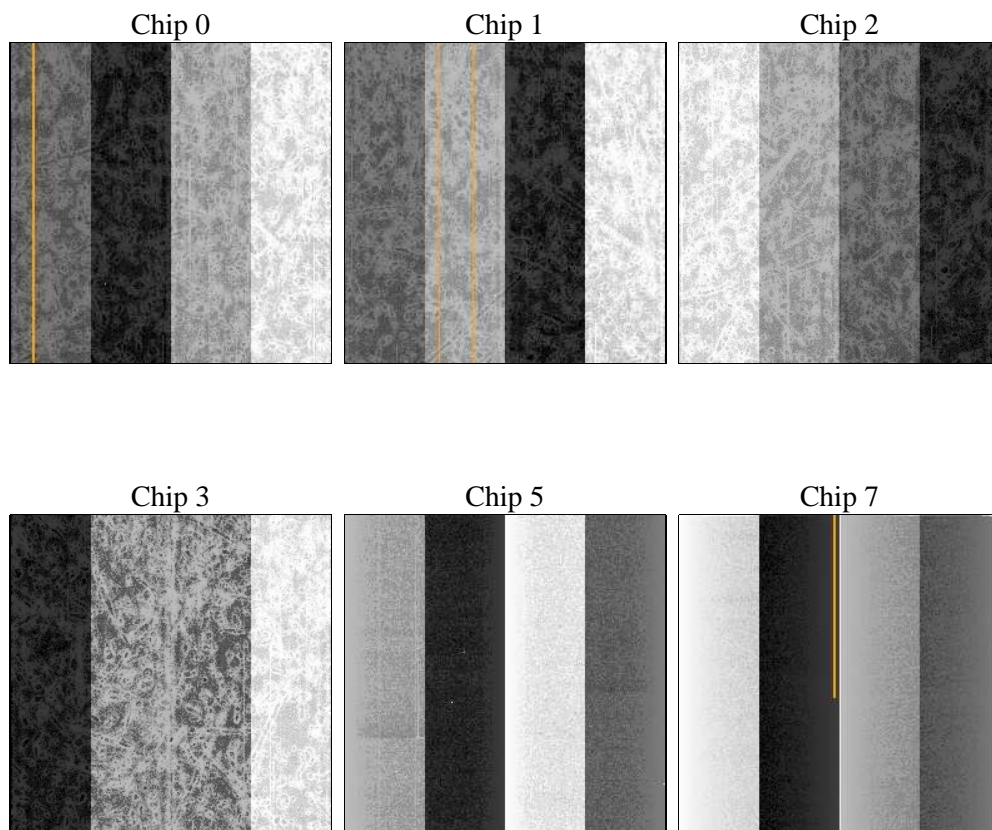
2 OBI

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	5071.9740347862	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	5071.9329947829	Sum of GTIs [s]
date	2012-06-20T14:05:52	Date and time of file creation	ontime1	5068.650944531	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5071.8509147763	Sum of GTIs [s]
			ontime3	5071.9999811649	Sum of GTIs [s]
			ontime5	5071.809874773	Sum of GTIs [s]
			ontime7	5071.9740347862	Sum of GTIs [s]
			l1events	569706	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	87501	85511	88307	88710	110663	109014	grade 0 events	21954	21191	22278	22549	6861	11016
rejected events	45964	44252	47550	47537	46435	44981		25%	24%	25%	25%	6%	10%
rejected %	52%	51%	53%	53%	41%	41%	grade 1 events	167	120	181	174	136	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	7707	8016	6970	7067	24110	14252
								8%	9%	7%	7%	21%	13%
							grade 3 events	2798	2684	2818	2757	2428	5636
								3%	3%	3%	3%	2%	5%
							grade 4 events	2805	2763	2811	2812	2305	5499
								3%	3%	3%	3%	2%	5%
							grade 5 events	2506	2472	2474	2760	5415	6837
								2%	2%	2%	3%	4%	6%
							grade 6 events	6401	6734	6005	6109	28734	27834
								7%	7%	6%	6%	25%	25%
							grade 7 events	43163	41531	44770	44482	40674	37851
								49%	48%	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	131.9657690160354	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	43.98506921310265	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	178.5583347575623	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	381112618.321726	381112617.29672			
Observation start date	2010-01-29T00:36:58	2010-01-29T00:36:57			
[s] Observation end time (MET)	381122001.172201	381122000.1472			
Observation end date	2010-01-29T03:13:21	2010-01-29T03:13:20			
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)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0719740347862

A.2 Comments