

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56864 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 12 2012

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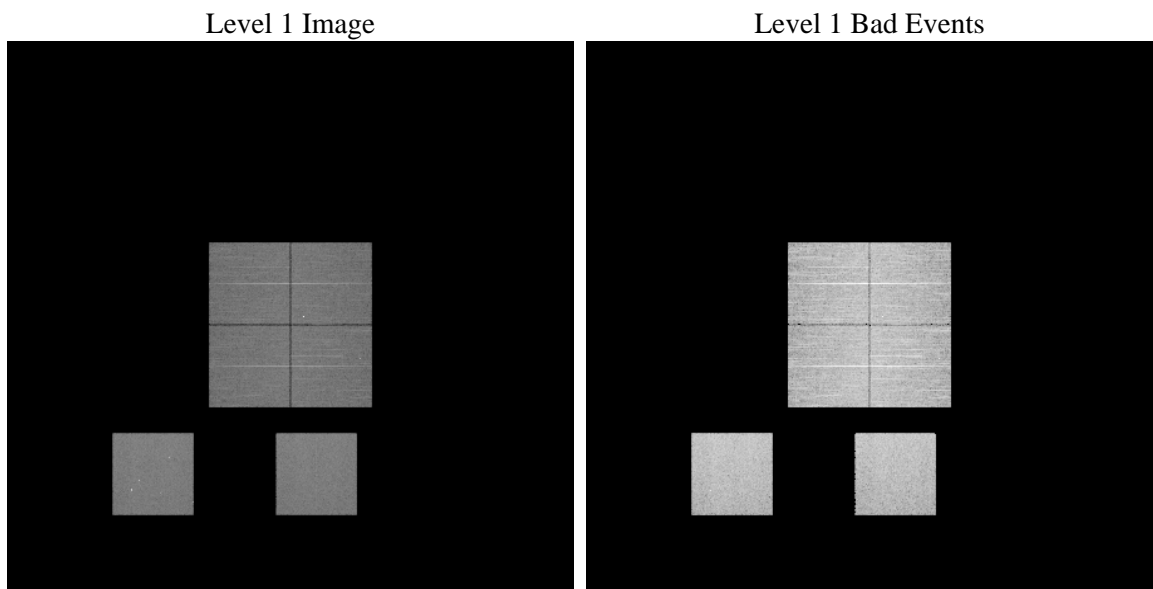
1 Front

seq_num	 	Sequence number
obs_id	56864	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	336.53220444948	Nominal RA [deg]
dec_nom	-37.986524120924	Nominal Dec [deg]
roll_nom	354.73484958491	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8273.9266673326	Sum of GTIs [s]
livetime	8169.1572259104	Livetime [s]
ontime0	8273.8856273293	Sum of GTIs [s]
ontime1	8273.844587326	Sum of GTIs [s]
ontime2	8273.8035473228	Sum of GTIs [s]
ontime3	8273.9677073359	Sum of GTIs [s]
ontime5	8273.7625073195	Sum of GTIs [s]
ontime7	8273.9266673326	Sum of GTIs [s]
l2events	498333	Number of level 2 events

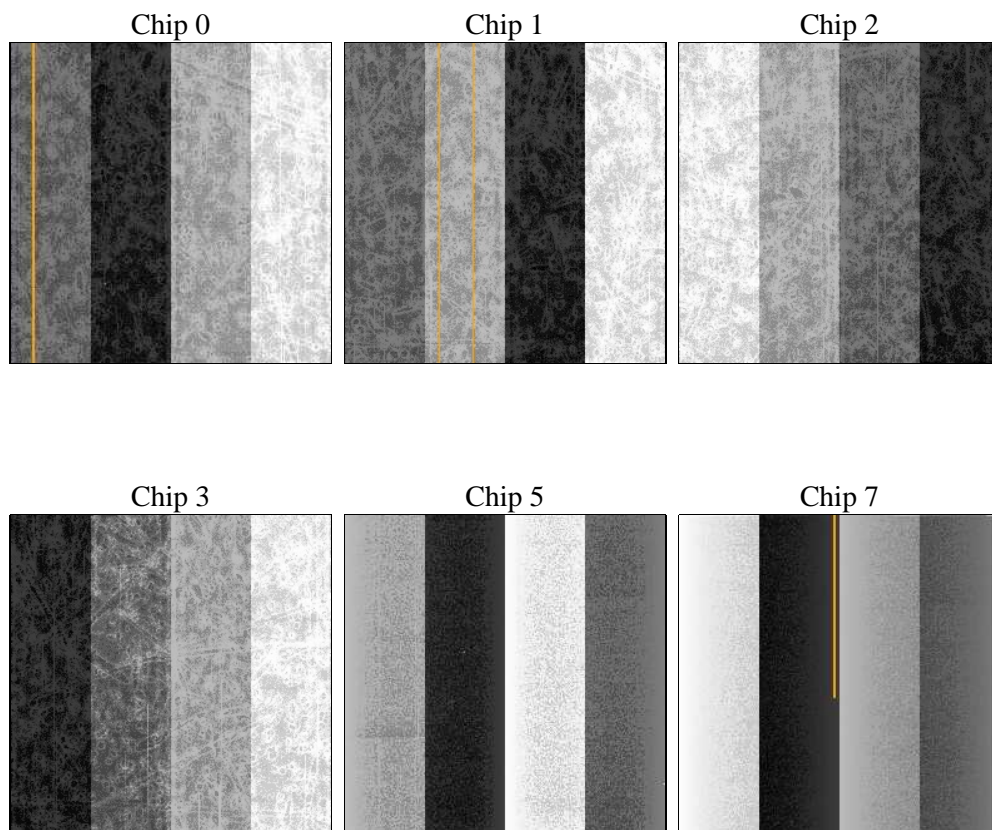
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8273.9266673326	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8273.8856273293	Sum of GTIs [s]
date	2012-06-12T15:43:56	Date and time of file creation	ontime1	8273.844587326	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8273.8035473228	Sum of GTIs [s]
			ontime3	8273.9677073359	Sum of GTIs [s]
			ontime5	8273.7625073195	Sum of GTIs [s]
			ontime7	8273.9266673326	Sum of GTIs [s]
			l1events	972195	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	146972	150655	148566	153010	188179	184813	grade 0 events	38939	39109	40273	40372	17460	20722
rejected events	73447	71407	74578	78438	73483	71656		26%	25%	27%	26%	9%	11%
rejected %	49%	47%	50%	51%	39%	38%	grade 1 events	323	241	296	347	232	166
								0%	0%	0%	0%	0%	0%
							grade 2 events	13466	18553	12836	13253	39854	24629
								9%	12%	8%	8%	21%	13%
							grade 3 events	5033	4937	5016	5189	5519	10612
								3%	3%	3%	3%	2%	5%
							grade 4 events	4857	5055	4933	5131	5304	10571
								3%	3%	3%	3%	2%	5%
							grade 5 events	4031	4287	3921	4563	9986	11766
								2%	2%	2%	2%	5%	6%
							grade 6 events	11230	11594	10930	10627	46559	46623
								7%	7%	7%	6%	24%	25%
							grade 7 events	69093	66879	70361	73528	63265	59724
								47%	44%	47%	48%	33%	32%

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	336.5322044494777	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-37.98652412092378	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	354.7348495849063	[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)	368053020.913468	368053019.88846			
Observation start date	2009-08-30T20:57:01	2009-08-30T20:56:59			
[s] Observation end time (MET)	368062809.663959	368062808.63895			
Observation end date	2009-08-30T23:40:10	2009-08-30T23:40:08			
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)	2012.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2739266673326

A.2 Comments