

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59600 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 25 2012

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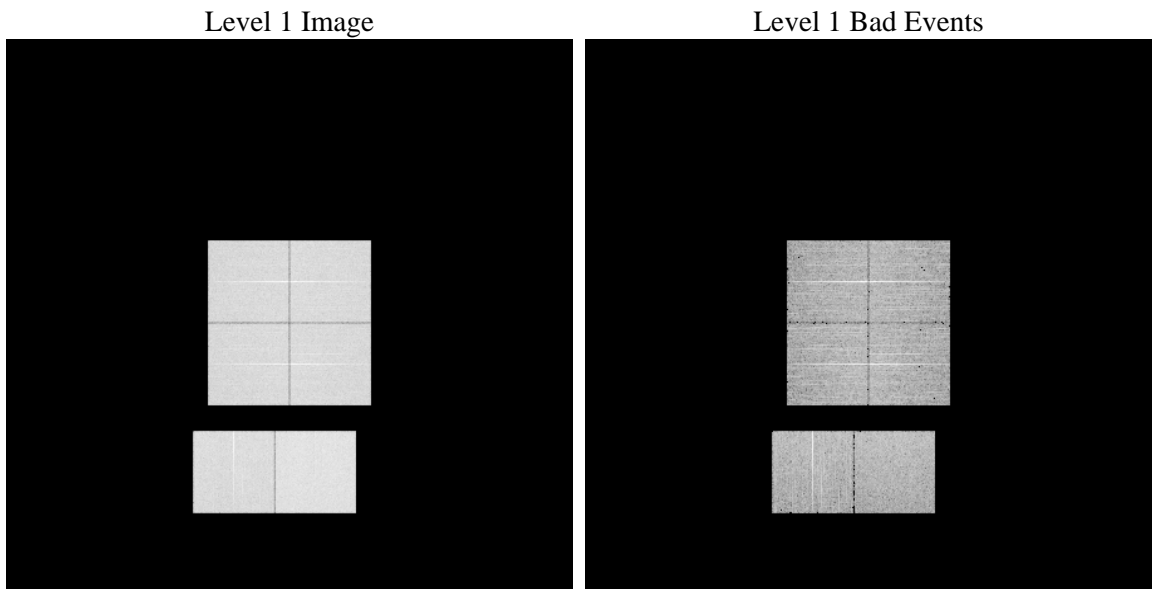
1 Front

seq_num	 	Sequence number
obs_id	59600	Observation id
title	ACIS-012367 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	265.47314014859	Nominal RA [deg]
dec_nom	2.4830392207895	Nominal Dec [deg]
roll_nom	195.78190152263	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7491.1999720931	Sum of GTIs [s]
livetime	7396.3418873874	Livetime [s]
ontime0	6074.8963941336	Sum of GTIs [s]
ontime1	6198.0534044802	Sum of GTIs [s]
ontime2	5974.4263643324	Sum of GTIs [s]
ontime3	5987.3895487487	Sum of GTIs [s]
ontime6	6194.8121857047	Sum of GTIs [s]
ontime7	7491.1999720931	Sum of GTIs [s]
l2events	1011203	Number of level 2 events

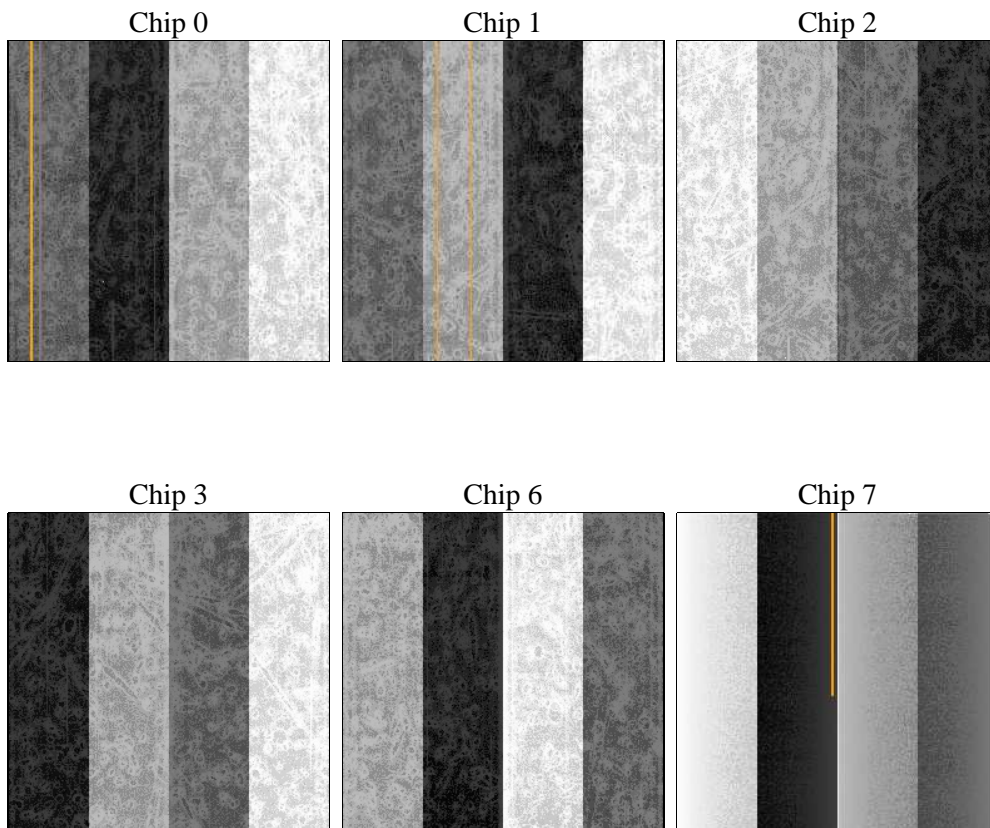
2 OBI

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	8.5.1.1	Processing system revision	ontime	7491.1999720931	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	6074.8963941336	Sum of GTIs [s]
date	2012-12-25T07:59:45	Date and time of file creation	ontime1	6198.0534044802	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5974.4263643324	Sum of GTIs [s]
			ontime3	5987.3895487487	Sum of GTIs [s]
			ontime6	6194.8121857047	Sum of GTIs [s]
			ontime7	7491.1999720931	Sum of GTIs [s]
			l1events	1357449	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	209803	216546	211158	213932	227919	278091	grade 0 events	88760	89206	89630	90726	93143	55701
rejected events	46109	48869	49234	49434	52348	49541		42%	41%	42%	42%	40%	20%
rejected %	21%	22%	23%	23%	22%	17%	grade 1 events	568	541	632	646	579	206
								0%	0%	0%	0%	0%	0%
							grade 2 events	28385	30451	26948	27849	30205	49561
								13%	14%	12%	13%	13%	17%
							grade 3 events	10335	10580	10586	10757	10905	21827
								4%	4%	5%	5%	4%	7%
							grade 4 events	10622	10452	10438	10588	10626	21742
								5%	4%	4%	4%	4%	7%
							grade 5 events	2831	2866	2755	2955	3183	8578
								1%	1%	1%	1%	1%	3%
							grade 6 events	25592	26988	24322	24578	30692	79719
								12%	12%	11%	11%	13%	28%
							grade 7 events	42710	45462	45847	45833	48586	40757
								20%	20%	21%	21%	21%	14%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	265.4731401485931	Alternating exposures requested	N	N
[deg] Pointing Dec	0	2.483039220789478	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	195.7819015226349			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	235994169.870935	235994168.84596			
Observation start date	2005-06-24T09:56:10	2005-06-24T09:56:08			
[s] Observation end time (MET)	236011283.271716	236011282.24674			
Observation end date	2005-06-24T14:41:23	2005-06-24T14:41:22			
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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4911999720931

A.2 Comments